

FENNEL'S

ORCHID NEWS

Published by FENNEL ORCHID CO. ★ Route 1, Box 230, Homestead, Florida

ORCHID IMPORTERS, GROWERS and HYBRIDISTS FOR OVER 60 YEARS

Vol. 11 No. 1 1957



YOU CAN GROW ORCHIDS!



GENERAL GROWING INSTRUCTIONS

Simply read and carefully follow these instructions. These are general instructions that apply to most orchids. In the following catalog we have added special notes for those orchids that want different growing conditions in any way.

1-TEMPERATURE — The temperature you keep in your home is fine for growing orchids. They like temperatures between 55° and 85° F. No damage is done by occasional drops in temperature into the 30's for short periods of time as long as no frost settles on the leaves.

2-SUN—Give your orchid plants all the sun you can without burning them. During the winter months this usually means all the sun they can get. In the summer months, light shade during the middle of the day is advisable, but full early morning sun and full late afternoon sun is ideal. If you want to, you can *hang* your plants outside under a tree during the warm months of the year when the temperature is above 50°F. Be sure you pick a tree or spot where the plants will get at least 50% sunlight. The more sun you give your plants without burning them, the stronger the growth and the heavier the flowering.

3-WATER—Orchid plants must *dry out completely* between waterings. Once a week with a good, heavy watering is usually sufficient. Naturally, a plant in a small pot will dry out more quickly than one in a larger pot. To tell if your plant needs water—feel the pot. If the pot feels *cool* the plant does *not* need water. If the pot feels warm, or room temperature, the plant needs water. When you do water, really water the plants heavily—then don't water again until the pots are absolutely bone dry.

To water—Take your plants to the sink or laundry tub. Mix one teaspoon of Fenorco Plant Food to a gallon of tepid water. Pour this mixture over the plant. The water will run directly through the pot and it will take approximately ½ gallon of water to give a plant in a 5" pot a heavy watering. Always water in the morning. To wash out any accumulation of plant food that might occur water once monthly with clear water at the regular watering time.

4-FOOD — All living things require food. Orchid plants cannot live indefinitely on air and water alone, so for strong growth and lovely flowers be sure to feed your plants regularly with Fenorco Plant Food. This food was developed by us for bloom and

strong growth and it can be used on all your house plants, such as Philodendron, African violets, Begonias, Gardenias, Anthuriums, Amaryllis, and Christmas cactus. In fact, any plant you grow.

5-HUMIDITY—No expensive equipment is necessary or advisable to provide humidity for your orchid plants. Any pan large enough to hold your plants is all right. Fill the pan with tiny stones, gravel, shells, or brightly colored aquarium stones. Next fill the pan about ½ full of water. Place the pan in a sunny window and arrange your pots on top of the gravel or stones. Be sure the pots sit *above* the level of the water—never let the pots sit *in* the water.

6-CLEANLINESS—The easiest way to keep a few plants healthy and clean is to wipe them down occasionally with a wet cloth or sponge and mild soap such as Ivory. If you leave a little suds on the plants, it won't hurt them. If you have a large collection of plants use Fenoroco Plant Spray.

7-AIR—Orchid plants like the same kind of atmosphere you do. It makes no difference what kind of heating system you have, gas, oil, coal, or radiant heat. If the air in your house is good for you to breathe, your orchid plants will like it too.

FENNEL'S ORCHID NEWS

From The Orchid Jungle

Published By

FENNEL ORCHID CO.

Homestead, Florida

SUNNY WINDOW COLLECTION

One each of the nine fine plants in this picture

Left top — yellow *Oncidium*; Left center — large lav-C *Peetersii*; Left bottom — lav-spray — *Dendrobium Phalaenopsis*; Center top background — lav. cluster — C. *Bowringiana*. Center Top (slightly to right) — dark purple spray — *Dend. Phalaenopsis* var *Ronaele*; Middle Center — WPL — Lc *Nancy Berquist*; Upper right — bright reddish lav Lc *Black Hawk* x Lc *Waubesa*; Center Right—lav. and purple C. *Gigas* x Lc *Black Hawk*; Lower Right white spray — *Phalaenopsis Doris*.

This is a fine and varied group of orchids — all well suited for home culture.

all strong young plants blooming size to bloom this year.

Total Value \$104.50

Special collection price only \$84.95

CULTURAL HINTS

Do Your Orchids Need Repotting?

Orchid plants need repotting every two or three years. If the plants are allowed to go without repotting for long, the resultant growth is usually weak and flowering is decreased as well.

It is easy to tell when orchids need repotting — there are 3 common reasons to repot:

1. When the plant grows out of the pot so that the rhizome and bulbs grow out over the edge, then the plant needs a larger pot.
2. When the fiber becomes soft and rotten so that you can press your thumbs and fingers down into it, the plant needs fresh fiber. *Osmunda* fiber should be wiry and springy — if it is soft and spongy it will hold too much water and rot off the orchid roots.
3. If you have been watering too much the fiber will turn sour and rot — then the roots of the plant will also rot — such plants should be repotted immediately into fresh fiber and kept quite dry at the roots, but with daily syringing over the leaves until the new white roots start to grow out into the fiber. When new roots start you can resume watering on a regular schedule but somewhat more carefully than previously.

For more detailed explanations and step-by-step instructions, refer to the chapter on Dividing and Repotting in "Orchids for Home and Garden" or to the Fennell Orchid Co. Instruction Folder on Dividing and Repotting. (Both are available from us by mail, listed on Page 20 of this catalog under supplies.)

A MESSAGE TO YOU

Dear Folks —

This is our catalog for 1957 — presenting orchids from A to Z — from *Aerides* to *Zygopetalum*. We hope that you will find it even more interesting than ever before — we have tried to make it so.

This year you will notice many new orchids — fine new hybrids as well as a much wider selection of the unusual and exotic species. Gathered together from the far corners of the tropical world, we feel that the many different orchids listed this year make up the finest selection of orchids available anywhere.

In addition to the catalog, our 1957 *Orchid News* features articles on important new discoveries in the orchid world. We hope too, that you will note and take advantage of the several new Fennell services which we have developed for you in the past year — please notice our *Orchid Jungle* Information Sheets on page 20, the *Orchid Slide Talks* on page 20, and the *Orchid Gift Corner* on page 20. On page 19 is a new discount system that we hope will meet your approval — it is designed to give you more orchids for less money — another Fennell Bargain Special for your benefit!

As always, you may be sure that we are interested in you and your orchid collection — we want to help make your orchid hobby a success, so whenever we can be of further service, please don't hesitate to write. We would like to meet you all too — so whenever you get down this way, — whenever you get down this way, stop in for a visit — The *Orchid Jungle* is open from 8 AM to 5:30 PM every day in the year with the exception of Thanksgiving and Christmas. We'll be looking forward to an orchid chat with you one of these days and in the meantime —

Here's wishing you More and Better Orchids for 1957 —

Dorothy Boggess Fennell
Tom Fennell, Jr.

"GROW ALONG" PLAN

This plan is the same as a "Lay-Away Plan," except the orchid plants are growing and increasing in value as you make your payments.

Order your plants and send \$1.00 or more to hold them.

Orders up to and including \$12.50 may be paid for at \$1.00 per week. (or more if you prefer).

Orders from \$12.50 through \$25.00 may be paid for at \$2.00 per week. (or more if you prefer).

Orders of \$25.00 and up may be paid for at \$5.00 per week. (or more if you prefer).

Your orchid plants are marked with your name and put aside. They will be "Growing Along." When the plants are paid for, shipment will be made to you.

STARTER COLLECTION

- 3 plants should bloom this year (including one in bud)
 - 2 fine young seedlings to bloom within 18 mo. to 3 yrs.
 - 1 lb. Fenorco Plant Food and
 - 1 copy of the fine new book, "ORCHIDS FOR HOME & GARDEN"
- Total value \$39.45

SPECIAL PRICE of only \$27.95

A Book Every Orchid

Lover Should Have

A really good beginner's book on orchids that you've been asking for so long! *ORCHIDS FOR HOME AND GARDEN* by T. A. Fennell, Jr. is a real primer. You don't have to know anything about orchids, or other plants, to learn from this book — it starts from scratch and uses simple, clear English with no fancy technical terms. Whenever "new" words are used they are explained right there in the text.

ORCHIDS FOR HOME AND GARDEN is the first orchid book giving you really simple instructions for growing orchids at home — it is also the first that covers the use of orchids as garden plants in the tropics and sub-tropics. There are chapters on all phases of orchid culture; starting your collection and how to buy orchids, orchids that you can grow, raising orchids from seed, making your own arrangements and corsages, landscaping your garden, lath-houses and greenhouses, etc.

ORCHIDS FOR HOME AND GARDEN is profusely illustrated with drawings by the author and with eight pages of color and eight pages of black and white photographs. Altogether we feel it is the most informative and worthwhile book for the beginner ever published.

Rinehart and Company, Inc. is the publisher and it is available from us or from your favorite book store. Price is \$2.95 postpaid.

Make Up Your Own Collection —

SAVE MONEY!

SELECTION A

Select any five or more plants you want. Add the amounts as shown in our catalog, deduct 10% from the total and you have the net cash price for the selection. (No collection such as the "Starter Collection" can be included in either Selection A or B).

SELECTION B

Select any 20 or more plants you want, add the amounts as shown in our catalog. Deduct 20% from the total and you have the net cash price for the selection.

You can pay for the plants bought under either Selection A or B through our 'Grow Along' Plan, if you prefer.



NEW POTTING MATERIALS AND METHODS

In the past year several new potting materials have been developed and put on the market. These new materials MAY prove to be the greatest advance in orchid knowledge in many a year but please note the use of the word "may"—we are using this hesitant word because these new materials are not proven as yet. Preliminary experiments seem to indicate that these materials are really good for orchid culture but we simply don't know enough about them to be absolutely sure and it will be several years until anyone will be able to say with absolute surety that orchids will grow as well or better in these materials as they have in the past in Osmunda fiber. The remainder of this article will discuss the three new potting materials that we have tried with reports on their value and use as we see it.

All three of these materials are very similar—they are the ground-up bark of coniferous trees—fir, cedar, and pine. Here at the Orchid Jungle we have found that almost all types of orchids root into these barks quickly and well. Root growth seems considerably better in them than it does in osmunda. Within one month after potting a pretty fan of gorgeous large and healthy roots is seen across the top of the pot and soon thereafter roots start penetration thru-out the pot. These barks seem to have beneficial qualities for inhibiting mold and fungus growth as well and this shows up particularly in their use in community pots and flats — "damping-off" — of young seedlings seems to be automatically controlled by the bark.

FIR BARK: is available in three sizes — Fine, Regular, and Coarse. The Fine grade is recommended for community pots and flats and for pot sizes up to 3"; The Regular grade for most standard potting from 3½" to 6" and the Coarse grade only for larger pots of 7" up and for Vandas. More work has been done on the use of this fir bark than on the other barks and it has been used for a longer time than have the others. Fir bark in all its grades has a considerable amount of small particles in it which tends to make it pack down more tightly than the other barks and it does not seem to need water quite so often as the others. This packing down, however, does not seem to bother the orchids as they continue to root well into it and roots seem at least as long lived as they are in osmunda.

CEDAR BARK: is a more uniform and a cleaner appearing bark than the other two—The same in consistency as the Regular grade of fir bark but without quite as much of the finer particles and dust and probably for this reason this bark does not seem to pack down quite so tightly nor does it stay damp quite so long.

This cedar bark is considerably easier to wet and water than is the fir bark—especially in the beginning when the bark is fresh.

(continued on p. 18)

ARTIFICIAL LIGHT ON ORCHIDS

In recent years there has been an ever growing interest in the use of artificial light to replace or to supplement sunlight in the culture of orchids. A great many inquiries in recent months from customers and visitors here at the Orchid Jungle have caused us to look into this situation and find out what we could about it. We wrote to various people at leading floricultural Universities and we have also carried on considerable correspondence with several amateur growers around the country who have been experimenting with lights on their own collections and the following article is a compilation of the hints, facts and suggestions which we have been able to get together from these sources. Little real work has been done on this subject but we hope that these notes will be of interest and help to those of you who are interested or feel that you have need of additional light for your orchids.

The lack of sufficient light is often the reason why otherwise healthy plants refuse to bloom or bloom poorly and with few flowers. Quite often these plants can be helped to bloom satisfactorily by giving artificial light as a supplement to actual sunlight.

Kind of light to use: Incandescent or tungsten filament lights give off considerable heat and supply only a partial spectrum of light — they are likely to give spindly growth that is unsightly and weak — therefore they are generally considered to be unsatisfactory when used solely, for proper plant growth and flowering.

Fluorescent lights are cooler and supply a different part of the light spectrum but they do not supply quite as much light as the incandescent bulbs. The 40 watt Standard Cool White seems to be the most satisfactory type of fluorescent light to use and these are available from most light fixture dealers.

One grower finds best growth and flowering using a combination of fluorescent and incandescent light in the following proportions — one 40 watt incandescent bulb with one 40 watt fluorescent fixture and he uses these in banks of bulbs in these proportions. Another source suggests the use of 10% incandescent light to 90% fluorescent light.

REFLECTORS — LIGHT INTENSITY: For maximum benefit from the lights, some sort of reflector should be used to direct as much light as possible onto the plants. Regular commercial reflectors can be used — the common 2 tube type mounted with two units side by side will light an area of 4 x 4 feet and used 12 inches above the plants will give an average intensity of approximately 500 to 600 foot candles. Using fluorescent light only, the leaves can be right up to the bulbs and almost touching without burning. Light intensity varies inversely as the square of the distance from the source so the lights can be increased by lowering the lights closer to the leaves and can be decreased by raising the lights above the leaves. Only slight raising and lowering is necessary to vary the intensity considerably.

To increase the light intensity single bulb fluorescent fixtures can be attached to plywood or other flat backing, which should be painted a glossy white for best reflection

of light, and their distance apart will also determine intensity. Tubes mounted 4" apart center to center on a backing with 2 coats of glossy white paint will give an intensity of 1000 to 1200 foot candles 1 foot below the bulbs.

Distance of bulbs to leaves — For practical purposes of watering and general maintenance 12 inches between the leaves and the bulbs is about the minimum.

SYMPTOMS OF TOO MUCH AND TOO LITTLE LIGHT

Too high intensity results in bleached or burned spots and areas on the leaves where chlorophyll has been harmed and destroyed.

Too low intensity results in weak and tall growing or spindly plants and flowering will be reduced or inhibited.

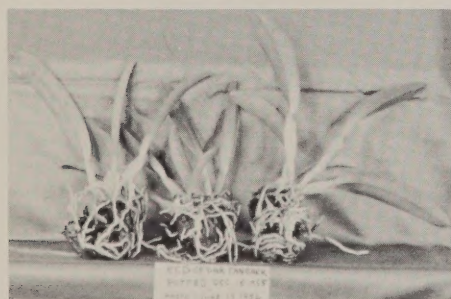
HOURS OF LIGHT—are very important! On seedlings and backbulbs 14 to 18 hours a day are advised by the various sources — fewer hours of light will result in weaker growth. For blooming plants the hours of light to be used can be a very complicated question — many orchids determine their time of blooming by the changes in day length — some orchids bloom when the days get longer — others when the days get shorter. Therefore the careless use of lights can make them bloom ahead of their normal schedule, behind schedule or can easily inhibit blooming altogether. The easiest way to avoid complications with this situation is to turn the lights on at dawn and off at sunset the whole year thru, thereby giving the plants a normal seasonal change in day length, just as they would get from the sunlight. If you want to go into this matter of controlling blooming seasons in your orchids, Cornell University in Ithaca, New York has published a pamphlet on the subject entitled "Day Length and Temperature in Relation to Growth and Flowering of Orchids" which will explain what is now known about this situation.

Time clocks are useful devices for controlling the hours of light and well worth the expense in time and trouble saved, as well as assuring automatic and consistent use of the lights which is best for good growth.

LOCATION—With the use of lights as outlined above it seems that many orchids can be successfully grown and bloomed in the basement, garage, or other closed rooms, without any actual sunlight at all. Some growers claim that seedlings, back bulbs, Cypripediums, Phalaenopsis and other orchids that don't require very bright light will actually grow and bloom better under these conditions than they will in a greenhouse or in a sunny window. Other growers say that it is best to give the plants as much sun as possible and merely supplement with the artificial light — in this manner blooming and growth is increased in regions where winter weather is unusually dark or where adequately sunny windows are not available.

HOW MUCH LIGHT TO USE—The following intensities are those recommended by our various contacts who have been experimenting with lights on orchids. These are only suggestions, however, and unfortunately very little is known about this. If you experiment with lights on your plants we would like to hear about your results and maybe in the future we'll be able to compile

Continued on page 18



Left: Seedlings potted in Cedar Bark December 15, 1955. Photographed June 17, 1956, showing fine root growth.

Cover Illustration: Fine Vandas such as those listed on page 17 — The blue and pink are V. Chimy Walker and the yellow and brown is V. Clara Shipman Fisher.

How to Read This Catalog

This year our catalog is arranged differently—the following comments may make it easier to read and understand.

All orchids are listed alphabetically by name. At the beginning of each new group we have written a brief introduction telling about that particular group and if they have any special or unusual characteristics or special cultural needs we have tried to tell you about them there. If no special growing instructions are given, then the general growing instructions on page 2 apply.

All plants listed are potted in clay pots in osmunda fiber unless otherwise listed. However, we plan to shift quite a few plants into the new barks in the course of our regular potting this year and therefore some of these plants now in osmunda may be shifted into bark before you order them. If you prefer plants in osmunda and do not want them in bark please say so on your order and we will repot them for you.

Sizes and Prices

Most of these plants are available in several sizes and prices. First you will notice that pot sizes are given. These sizes are only general or average as we are constantly re-potting but most of the plants will be in the sizes listed or in larger sized pots.

Seedlings are priced according to size and the overall height of the plants are given in each case so that you will know what size plants you can expect at each price.

Mature plants are listed as such and usually with the size indicated as 1 lead, 2 lead, etc. A one lead plant is a single plant that can be expected to bloom this year with one stem of flowers. A two lead plant should produce two stems and so on.

A few abbreviations have been used for commonly re-occurring words such as: lav for lavender PW for pure white WPL for white with purple lip S & P for sepals and petals

Orchid Seed and Seedlings in Flasks and Community Pots

We always have a large stock of seed, community pots and flasks on hand but are not listing them in this annual catalog because they are shifted so rapidly from stage to stage. If you are interested in Orchids in these stages, please write to us—tell us what types, in general, that you are interested in and we'll be glad to send you a list of what we have available at that time.

AERIDES

The Aerides are Vanda relatives and grow like them, except that they do better with more shade. Plants are lush growers — main stem usually curves and grows in semi-pendant fashion, rather than straight up.

AERIDES ODORATUM

Odoratum has long drooping bloom stems with many flowers 1 to 1½" — lavender and white — shaped like elephant head — very fragrant — Spring.

6" pots fir bark small mature \$ 8.50
6" pots fir bark larger \$12.50

ANGRAECUM

from Africa and Madagascar—Vanda relatives—grow in charcoal and osmunda—want ½ sun—lots of water and food—very rare and stunning—true collectors items.

ANGRAECUM EBURNEUM

RARE—GIANT—GREEN & WHITE. Flowers: 3½ to 4½", 15 to 30 on arching stem—very heavy and waxy last 2 months—green s & p—white lip carried up—very graceful and stunning in an elegant way—winter, spring. Plants at maturity are 3 to 4 feet high and across. These are young seedlings, very husky and vigorous.

3" pots 5- 7" tall\$5.00
8-10" tall\$7.50

ANGRAECUM SESQUIPEDALE — DARWIN'S ORCHID

RARE—EXOTIC—CAPTIVATING—a collectors item for the connoisseur. Flowers: 5-6", 2 to 5 per stem, with the unusual tail or spur on the lip which is from 12-18" long—light, clear, glistening, green color—very heavy substance—long lasting. Plants: raised from seed imported from Africa—leaves naturally ridged—grayish green color.

5-6" pots small mature\$30.00
larger mature\$45.00

ARACHNIS—Vanda Relative

tall, slender, climbing vine type plant from Asia—some will bloom indoors in home or greenhouse but do best in ground beds in full sun in sub-tropics and tropics.

ARACHNIS MAGGIE OEI (A. Hookeriana (Luteyola) x A. Flos-Aeris)

Flower: cream-barred wine red—3½", spider shape, 8-20 per stem. Plant: tall, slender, will bloom indoors or in greenhouse—must be 3-4' tall—can take full sun.

15-18" cuttings with roots\$10.00
24-30" cuttings with roots\$15.00

ARACHNIS MAINGAYI

Flower: cream or yellowish with reddish bars & stripes—spider shape, 3-4", 8-20 per

stem — spring. Plants: tall, slender — vanda relative — will bloom indoors or in greenhouse but needs lots of sun — has to be 3-4' tall.

15-18" cuttings w/roots\$ 8.50
24-30" cuttings w/roots\$12.50

ANACHNIS MOSCHIFERA

SCORPION ORCHID — WEIRD AND RARE. Flower 4-4½", 8-20 on long open spray — very heavy — long lasting — dark chocolate brown bars and blotches on chartreuse for background, winter-spring, garden plant for outdoors in tropics. Plant: needs full sun at top to bloom — tall slender climber — Vanda relative.

18-24" cuttings w/roots\$10.00
30-36" cuttings w/roots\$15.00

ARANDA

bigeneric hybrids: Arachnis x Vanda

ARANDA MARS (Arachnis alba x V. Marguerite Maron)

DELICATE COLORS. Flower: cream, pink and orange—4-5", 3 or 4 at a time on stem that elongates and blooms 2-3 months, Fall and winter. Plant: tall, slender, semi terete—needs full sun.

15-18" cuttings with roots\$ 8.50

ARANDA QUEEN OF THE PURPLES (Arachnis alba x Vanda coerulea)

VERY RARE—STUNNING. Flower: deep purple-blue—10-30 per stem. 2½-3"—long lasting. Plants: compact heavy grower—wants from ½ sun to full sun.

10-12" cuttings with roots\$15.00
15-18" cuttings with roots, fully mature\$25.00

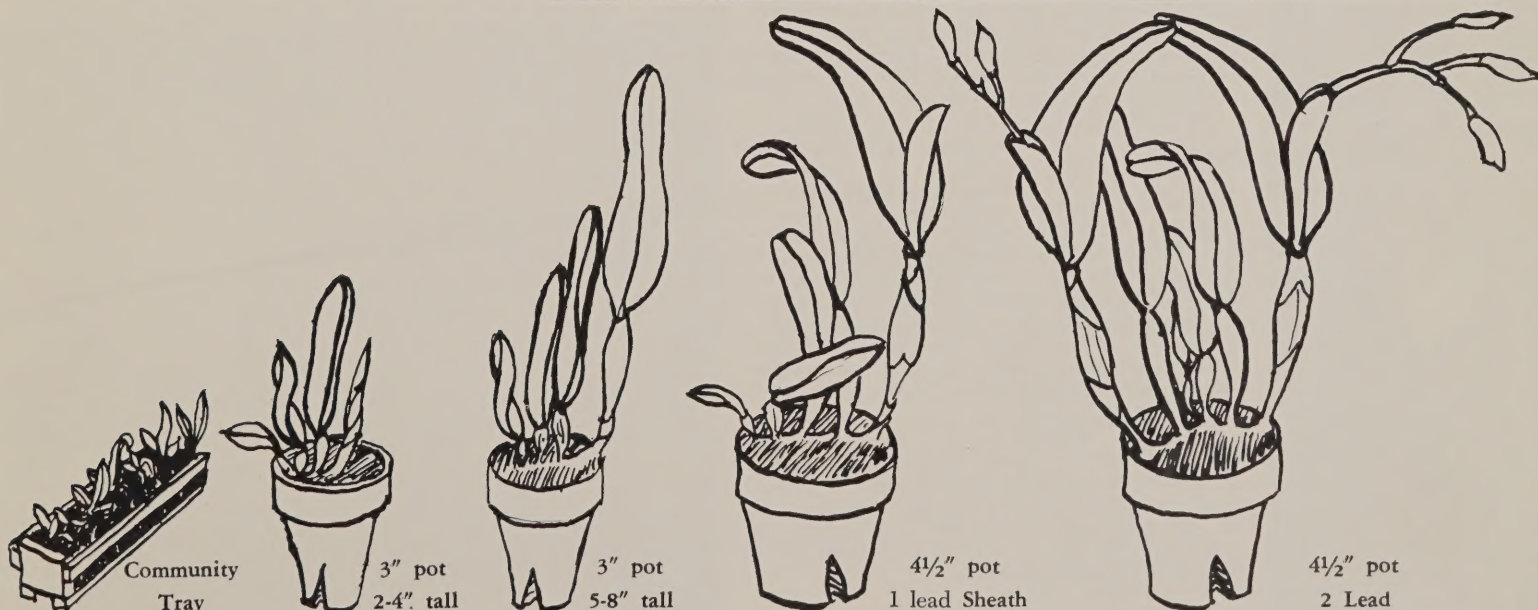
BLETIA

Terrestrial, bulbous, deciduous plants from Tropical America — very easy to grow. Will do well almost anywhere — thrive in full sun or ½ shade. Large plants stay in bloom for months — want lots of water and food while growing.

BLETIA purpurea

Tall branching stems of bright royal purple flowers about 1" across blooms — Winter and Spring — Deciduous — Extremely easy to grow as pot-plant — well suited for window sill culture — a fine bedding plant in the tropics in soil.

4" pots Mature\$1.98





Brassavola Digbyana

Brassavola cordata

Brassavola cuculata

Brassavola nodosa

Brassia maculata

BRASSAVOLA

Relatives of the Cattleyas and Laelias — much used in breeding with cattleyas for shape of lip — all are green and white — can stand full sun but do well indoors in half sun — from Central and South America.

BRASSAVOLA CORDATA

Charming clusters of pale green and white flowers — each about 2½" in diameter — make lacy bouquets against the dark blue green foliage of this easy-to-grow botanical from Jamaica — leaves are tall and slender — terete or almost round in cross-section. Plants are very nice and strong.

4 to 4½"	2 to 3 lead	\$ 6.50
	4 to 5 lead	\$10.00

BRASSAVOLA CUCULATA

See drawing in margin — a graceful and charming flower — blooms almost constantly — plants very tall and slender

4 to 4½" pots	1 to 2 lead	\$ 8.50
	3 to 4 lead	\$12.50

Rare species from Honduras. Flower: green, large and well held, immense — very frilly lip. Plant: newly collected — rough looking but well rooted and established.

4½" to 6" pots	1 lead	\$15.00
	2-3 lead	\$20.00

B. GLAUCA

A fascinating and distinctive charmer — pale, glistening green, 3-4" flower with large heart shaped lip — heavy substance — Dwarf plants — newly collected and imported — plants somewhat scarred up but well rooted and established.

3-4" pots	1 lead	\$ 8.50
4-6" pots	2 lead	\$12.50
	3 lead	\$17.50

B. NODOSA

"Lady of the Night" — named so because of heavy sweet fragrance — mostly at night. Blooms anytime but mostly spring. Flowers: heart shaped white lip with long tube and greenish white s & p — sometimes spotted — 3 to 10 per stem Winter and Spring. Plants: heavy dark green — terete leaves — compact newly imported — just potted — strong — look good.

3-4" pot	single	\$ 5.00
	double	\$ 7.50
5-6" pot	larger 5-6 lead	\$17.50

BRASSIA

Relatives of Oncidiums from Central and South America — have large but very spidery flowers — striking and unusual.

BRASSIA GIREOUDIANA — Panama

Long spidery flowers in chartreuse spotted and barred bright brown carried in 2 ranks back to back in a lacy and beautifully arched bloom stem. Always cause a sensation when in bloom — Spring — Newly collected — have made strong new growths.

4½ to 5"	1 lead	\$ 6.50 to 8.50
5 to 6"	2-3 lead	\$10.00 to 12.50

BRASSIA MACULATA — CAPTIVATING COLLECTORS ITEM —

These creamy yellow and rust-brown spidery flowers will add a dash of spice to any collection — arching sprays with up to 20 flowers — bloom Winter and Spring — Plants newly collected and nice — have made strong new growths to flower this year.

4½ to 5" pots	1 lead	\$ 6.50
	2 lead	\$8.50 and \$10.00

BRASSO-CATTLEYAS—Bc

Bigenic hybrids of Brassavola and Cattleya — usually have large and very frilly lip which is result of breeding from B. Digbyana — many will bloom 2-3 times a year.

BC DIADEM (C. Eleanore alba x B. Digbyana)

Largest white Brasso — blooms twice yearly. Flower: very large — well held — immense frilly lip — "look white" occasional purple splash in lip — yellow center. Plants: naturally slender — leaves often reddish.

4½-6" pots	1 lead	\$25.00
	2 lead	\$35.00

BC ELAINE (C. Remy Chollet x Bc Hartland)

A MASSIVE — FREE FLOWERING WINTER DARK. Flowers of top quality — should result from this mating of two such well known and proven parents — many Exhibition flowers are expected — seedlings have been free growing and very husky.

3" pots	8-10" tall	\$ 8.50
	Should bloom within a year	\$15.00



FINE BRASSO HYBRIDS

The white is a typical flower of the Bc Diadem, Bc Kenneth type. The lavenders are typical of Bc Leonardi and Bc Marguerite Fournier.

BC ESTELLE (Bc Ilene x C. Enid alba)

Best white Brasso — blooms 2-4 times a year. Flower: extra large and full — well held — good substance — "looks white" — fragrant — often lavender on back of s & p and on throat. Plants: tall and slender by nature — dark, reddish flush.

4½-6" pots	1 lead	\$30.00
	2 lead	\$40.00

BC MARGUERITE FOURNIER (Digbyana x Labiata)

Bright rosy lavender flowers with the large and lacy brasso lip as shown in color illustration on page 6. This one is exceptionally dark and colorful for a primary brasso — husky plants — fully mature — Fall and Winter.

5 to 7" pots	1 lead	\$15.00
	larger	\$20.00
	2 lead	\$25.00

Bc QUEEN ALEXANDRA (B. Digbyana x C. Hassallii alba)

One of the best primary white Brassos we know. Flower: large — well held — good substance — "look white" — chartreuse or lemon yellow in lip. Plant: tall, very slender — leaves dark — large ones bloom 2-4 times a year.

4½ to 6" pots	1 lead	\$25.00
	1-2 lead	\$35.00

(Bc Juneau x C. Suavior Aquinii)

Want to Gamble? We have great hopes for this but it's a Pig in a Poke — C. Suavior Aquinii produces some fine offspring with the very rare and sought after deep purple splash or feather in the petals — some of these should have this deep purple splash in each petal to match the deep purple lip — background color is lavender. 4½-5" pots — seedlings ready to bloom this year for the first time.

Just a few at	\$25.00
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BRASSO-LAELIA

Bigenic hybrids of Brassavola and Laelia — not common — culture like Cattleyas.

BL HELEN (L. TENEBROSA X B. DIGBYANA)

Lovely pastel flowers of lavender and chartreuse with immense-lacy lip. See photograph on page 19. A fine stud!

4½ to 6" pots	mature	1 lead	\$50.00
	mature	2 lead	\$75.00

(L. Anceps Sanderiana x B. glauca)

HERE'S ONE WE'RE LOOKING FORWARD TO — we can't wait to bloom it. Flowers should be white with an opalescent or pearly quality — heavy substance and a large heart shaped lip — plants are small, but heavy — due to parentage we expect a dwarf grower — many of these should bloom within the year. Only a few of them, so don't miss out — Get yours now!

3" pots	2 to 4" tall	\$2.50
	5 to 6" tall	\$4.00
4" pots	7 to 8" tall to bloom this year	\$6.50

BRASSO-LAELIO-CATTLEYA —Blc

Trigeneric hybrids of *Brassavola* x *Laelia* x *Cattleya*—usually are large and with a frilly or deeply ruffled lip.

BLC ALEXANDRAE (*Bl Helen* x *C. Dowiana*)

Lacy-frilly Brassos of unusual colors—vary from yellow to peach, salmon and light rosy lavender—slender but strong young plants—floriferous—summer and various.

4-4½" pots 1st sheath	\$15.00
4-6" pots 1 lead	\$20.00
2 lead	\$25.00

BLC CLARELEN (*Lc Black Hawk* x *Bc Apollo* var *Duke of York*)

A GIANT—BOTH PLANT AND FLOWER. Colossal Flowers—7-9", 2 to 5 per stem—very heavy substance—rich dark color, Fall and winter—often blooms without a sheath, usually twice a year. Plants are tremendous—some are 30 to 35" tall—leaves up to 5" across.

6-8" pot 1 lead	\$25.00
6-8" pot 2 lead	\$35.00

BLC DOROTHY FENNELL (*C. trianae* var *Naranja* x *Bc Alfred Mollet*)

One of the best modern hybrids. Flowers are fine, large, well held, heavy and of fine form with large frilly lips—s & p's are broad and crisply held. Plants are sturdy dependable growers. Blooms last well.

4½" pots 1 lead	\$30.00
8" pots 2 lead	\$40.00
Selected fine varieties \$50.00 and up—descriptions on request.	

BLC DOROTHY JONES (*Bc Nanette* x *C. White Empress*)

A really fine flower—most are white or nearly so but like all white Brassos hybrids, some are bluish white or light lavender—some have a purple lip—all are large, frilly, of fine shape, heavy substance—well held—vigorous growers. Bloom 2 and 3 times a year. Fall-winter, various.

4" pot 1 lead	\$25.00
6" pot 2 lead	\$35.00
3 lead	\$45.00

BLC FLEUR DELIS (*Lc Helen Wilmer* x *Bc Imperialis*)

Award winners—some of these are bound to be. Flowers: exceptionally fine shape and substance—good, clear colors—med to dark lavender with contrasting yellow and purple large ruffled lip. Plants: strong and thrifty—compact, most blooming for 1st and 2nd time.

4" pot 1 lead	\$30.00
6" pot 2 lead	\$45.00
Selected fine varieties	\$75.00

C. WOLTERIANA

This is a collector's item. The last time we had these they sold out immediately. We only have a few now, first come, first served. All shades from peach thru apricot, yellow and gold to flamingo, 3-4" flower, carries 8-14 on a stem. A very strong grower, blooms February and March. See page 9.



BLC JUNGLE GLORY (*Bl Helen* x *C. Bowringiana*)

This one is different and very attractive—a cluster type Brasso with large and frilly lip—3½ to 5" flowers, 4 to 8 per stem—color is dark lavender all over—lip is the same color as s & p's—tall, slender but vigorous young plants.

4" pots Should bloom in 12-18 mo.	\$ 8.50
4½ to 6" pots 1 lead	\$17.50
2 lead	\$25.00

BLC KENNETH (*Lc Wellsiana* x *B. Digbyana*)

Flower: white or light blush—large, well-held. Large, very fringed lip and some have lavender splash in lip—fragrant—2-3 times a year. Plants: tall and slender—leaves dark.

4½ to 6" pot 1 lead	\$25.00
2 lead	\$35.00

BLC LEONARDII (*Bl Helen* x *C. Mossiae*)

Very nice brasso—lacy, fringed lip—dark lavender—purple with bright chartreuse center—very good substance and shape for a primary brasso—Spring and various.

3" pot 12-18 mo.	\$ 7.50
4" pot 1st sheath	\$17.50
6" pot 2	\$25.00

BLC NANETTE SELFED (*Bc Everest* x *C. Annette*)

Flower: large, full, well shaped and held—of heavy substance—most "look white" some blushed—chartreuse or lemon in lip.

Plants: very strong — blooming 1st or 2nd time.

4½" pot 1 lead	\$25.00
5" pot 2 lead	\$35.00

BLC SANFORD (*Lc Cantato* x *Bc Francis Lamb*)

Finest show quality — you can't go wrong on these. Flowers: Extra large — full round and well held—heavy substance — fine bright clear color — dark lavender-purple and yellow lip.

Plants: fine robust seedlings ready to flower for first or second time.

4½ to 6" pots	
1 lead	\$25.00
2 lead	\$35.00

BLC SHERMAN BILLINGSLEY (*Bc Eva Patterson* x *C. Belgica* AM)

Flower: Here are some really fine Blc's, large, dark, full shaped and round, heavy and long lasting—Winter, spring. Plants: strong—well grown and heavy.

4½" pots 1 lead	\$25.00
5" pots 2 lead	\$35.00

BLC WAGNETTE (*Bc Nanette* x *C. Mossiae* *Wagneri*)

One of the best Nanette crosses—show stock. Flower: most are fine whites or barely blushed—large, full shape—heavy, well held and fragrant, blooms 2-3 times a year. Plants: very strong, good grower.

4½" pot 1 lead	\$30.00
6" pot 2 lead	\$40.00
3 lead	\$50.00

• (*Lc Black Prince* x *B. Digbyana*)

Flower: very large—well held—large, very fringed lip—white or lightly blushed with chartreuse center in lip—2-4 per stem, 2-3 times a year. Plants: very tall and slender—dark pigment in leaves.

4½ to 6" pots 1 lead	\$25.00
2 lead	\$35.00

• (*Bc Daffodil* x *Lc Kenosha*)

Petite and lovely—a heart warmer—Flowers: 3-4", 2 to 6 per stem—fresh and crisp—long lasting—cream to yellow and orange—some have bright purple lip—Spring. Plants: medium size—strong grower—bifoliate.

4" pots Should bloom in 12 Mo.	\$ 8.50
4½-6" pots 1 lead	\$12.50
2 lead	\$17.50
3 lead	\$25.00

• *C. Trianae* var. *Mary Fennell* x (*Bc Hartland* x *Lc Linnaeas* T. Savage)

LUCKY YOU! — we almost didn't list this one — we'd rather keep them all for ourselves — we think they will be terrific — large — DARK AND ROUND — Winter bloomers and such strong, thrifty young plants! Better order now before we change our minds.

3" pots	2 to 4" tall	\$2.50
	5 to 7" tall	\$5.00

Brasso-Laelia-Cattleya Collection

1 PW Blc (looks white)	
1 lavender Blc of fine shape and substance	
1 dark lav-purple Blc of fine shape and substance	
1 Blc—lavender—cluster type	
Total value \$90.00	for only \$69.95



• *Bc Cliftonii x Lc Monarch*

Two fine large lavenders of good form and substance and with tremendous dark lips combined to produce a fine large flower for Winter and Spring — strong young plants.

3" pots 2 to 4" tall\$2.50
5 to 7" tall\$4.50

• (*Lc Ishtar x Bc Heather Queen*) x *C. Whitlock Fennell*

Should be some award winners here! Two large and fancy lavenders crossed to make a Fall and Winter hybrid you'll all want in your collection — Admirable young plants.

3" pots 2 to 4" tall\$2.50
5 to 7" tall\$5.00
8 to 10" tall\$7.00

• (*Lc Nakoma x C. Dowiana*) x *Blc Medbar*
Yellows of finest quality — both parents were exceptional — dark clear yellows with brilliant dark maroon and gold lips — of heavy substance and good full form — summer and fall. These seedlings have been fast and willing growers.

3" pots 5-7" tall\$ 4.50
8-10" tall\$ 8.50
3-4" pots 11-14" tall to bloom with-
in the year\$15.00

• (*L. anceps x Blc Dorothy Fennell*)

Very popular—unusual new hybrid—4-5" flowers—crisp, perky, anceps-like star shape—all shades of lavender—frilled and fluted lip —3-8 flowers on long arching stem—very vigorous strong plants, 2-3 times a year.

3" pots 12-18 months\$ 7.50
4-6" pots 1 lead\$15.00
2 lead\$22.50

• (*Lc George Sicca x Bc Imperialis*)

A good new Blc hybrid flowering first or second time—shows promise—dark, heavy, well held, good shape, nice brasso lip. Winter and spring.

4" pot 1 lead\$15.00
5" pot 2 lead\$20.00

• (*C. Joyce Hannington var. Perfecta x Blc Nanette*)

Should be one of best Nanette crosses—those that have bloomed are good show plants. Flowers: large, heavy and full shape —well held—some blushed—most look white. Twice a year. Plants: very strong, branching grower. Most are blooming for first time.

4½" pots 1 lead\$30.00
6" pots 2 lead\$40.00
3 lead\$50.00

• (*Blc Woodnote x C. Mandelissima*)

Flower: very fine, large, full and dark, some Exhibition stock here. Plant: blooming first or second time.

4" pots 1 lead\$25.00
6" pots 2 lead\$35.00

CATASETUM

C. OERSTEDII

WEIRD AND SUPRISING. Flower: 2-3", 6 to 12 per stem, very heavy and fleshy, green with dark brownish-black center, pollen arranged on spring with a trigger—shoots several feet when trigger is sprung. Plants: large fat bulbs, white papery sheathing, completely deciduous during winter.

4-5" pots mature 2-3 bulbs\$ 8.50

CATTLEYA

Best known of all orchids—the large lavender corsage orchid—actually come in all sizes and colors—are very tough plants and are easy to grow—recommended highly for beginners.

C. ALESIA ALBA (*C. Dibnystus alba x C. Mossiae Reineckiana Youngs var*)

Flowers: WPL—large and full-well shaped, good substance—lip dark and flecked with white. Plants: fast, strong grower.

4-6" pots 1 lead\$25.00
2 lead\$35.00
3 lead\$45.00

C. AMETHYSTOGLOSSA

The "polka-dotted cattleya" — flowers 3 to 4", up to 14 on stem, background color — clear bright pink with vivid dark and bold dots of amethyst, lip — amethyst too, very heavy substance, sturdy young seedlings.

3" pots 3 to 5" tall\$3.50
6 to 8" tall\$5.00

C. ANTIGO (*C. Fabulous x C. Granulosa*) WINE RED — EXOTIC & ALLURING.

Flower: unusual shades of magneta, maroon and wine red with crimson-purple lips—form is different—with spade shaped lip—very heavy substance—medium size 4 to 5½", 2 to 8 per stem. Fall. Plants: newly imported —rooting well, tall and slender, leaves naturally wrinkled and twisted.

4½ to 6" pots 1 lead—smallish\$20.00
1 lead—fully mature\$25.00
1 lead—larger plants\$30.00

C. B.J. PALMER (*C. Admiration x C. Leda*)

A fine new winter-spring hybrid, very vigorous young plants with extra bright and dark flowers of good shape and substance—well held—gold stripes in dark lip—floriferous.

4" pots Should bloom in 12 Months\$12.50
4½" pots 1 lead\$17.50
6" pots 2 lead\$25.00

C. BROWINGIANA PURPLE PRINCESS STRAIN

Our own strain of this charming cluster cattleya—flowers 2½ to 3½" diameter up to 30 per stem—dark lavender with purple lip and lemon yellow center—this variety has an extra fine shape—fully expanded lip and broad sepals and petals. A proven stud. Fall.

3-4" pots Should bloom 12-18 mos. \$ 6.50
4-5" pots 1 lead\$10.00
5-7" pots 2 lead\$25.00
3-4 lead\$35.00

C. CATHERINE PATTERSON (*C. Enid alba C. Mrs. Fred Knollys*)

Exceptionally fine WPL. Flowers: Large, heavy, well held—many are quite round and well shaped—bloom 2-3 times a year. Plants: strong growers—branch freely.

4½ to 6" pots 1 lead\$25.00
2 lead\$35.00

C. COUNTESS PORTIA (*C. Portia x C. Monarch*)

dark, large-flowered, cluster type cattleya with unusually patterned, dark lip—4-5" flowers, 3-8 per stem—Fall, winter.

3" pots Should bloom 12-18 mos. \$ 6.50
4-5" pots 1 lead\$12.50
2 lead\$17.50

C. EMPRESS FREDERICK (*C. Dowiana x C. Mossiae*)

One of the fine old hybrids—strong plants—floriferous—most are very dark, bright, reddish-purple, well held flowers of good shape and substance—some are white with crimson or purple lip and a few are cream or yellow with a crimson on purple lip.

4½" pots 1 lead\$17.50
6" pots 2 lead\$25.00
Selected fine darks & good yellows
1 lead\$35.00

C. ENID ALBA (*C. Mossiae Reineckiana Youngs var x C. gigas FMB*)

Best known—Most Popular WPL. Flowers: large—well held—dark purple lip, 3-7 per stem, twice a year. Plants: tall & slender—strong growers—branch freely.

4 to 6" pots 1 lead\$25.00
pots 2 lead\$35.00

C. EVAMAY PATTERSON (*C. Intertexta var Juliette x C. trianae var Broomhills*)

A truly elegant winter white. Flowers: fine shape—well held—large and heavy—fresh glistening texture. Plants: exceptional growers—strong and branch freely.

4½ to 6" pots 1 lead\$25.00
2 lead\$35.00

C. GASKELLINA

THE "GRADUATION ORCHID". Flower: blooms May to July. Free flowering—nicely held lavenders of long lasting quality. Plants: very compact and sturdy—one of the most foolproof orchids for beginners—dependable grower and bloomer year after year. Plants branch very freely.

4½ to 7" pots 1 lead\$ 8.50
2-3 leads\$15.00
4-5 leads\$20.00

C. GIGAS (*C. Warcewiczii*)

Largest and prettiest of species. Flowers: 5½ to 8", 3 to 7 per stem, dark lavender, purple lip with yellow eyes—May and June. Strong plants bloom again in fall. Plants: tall & slender, naturally yellowish, needs more sun than most cattleyas.

4½ to 7" pots 1 lead\$ 8.50
2-3 leads\$12.50
4-5 leads\$20.00

C. HUI YOUNG (*C. trianae x C. James Stewart*)

Flower: like improved trianae—lavender s & p's, very dark intense purple lip—many have matching dark line or stripe down middle of the petals—really stunning late winter —early spring—heavy substance—long lasting and well held.

4" pot 1 lead\$12.50
7" pot 2 lead\$17.50



A
comparison
of plants
rooting
into
pine bark
(light)
and
osmunda
(dark)
— all
planted
on
same
day

C. LODDEGII FENNELL STRAIN (C. Loddegesii x C. Loddegesii)

This is an extra fine strain raised from seed to produce flowers of exceptional color and shape—many are a vivid, deep purple with golden yellow in the throat—all have exceptionally broad s & p's and are very heavy—when mature will produce up to 14 flowers per stem. Plants: slender, twisted bulbs.

3" pots Should bloom 12-18 Mo.	\$ 6.50
3-4" pots Should bloom 12 Mo	\$ 8.50
4-4½" pots 1st Sheath	\$10.00
1 lead, medium	\$12.50
1 lead, large	\$17.50
2 lead, large	\$25.00
Selected extra dark and full, smallish plants	\$25.00

C. LORETTA BROUGHTON (C. Nutley alba x C. Priscilla alba)

This is a very popular white with purple lip—flowers are of good shape and substance—pure glistening white s & p's—lip mostly white and yellow with pink and lavender in the throat and around the edges—plants are smallish but strong growers—all mature—blooms 2-3 times a year.

4½" pots 1 lead	\$17.50
6" pots 2 lead	\$25.00
3 lead	\$30.00

C. LUEDEMANNIANA (C. Speciosissima)

One of the largest, prettiest C. species. Flowers: lavender—large, good shape, well held, lip purple—speckled or striped, 2-6 per stem. Feb.-Mar.—some again in Aug. to Oct. Plants: smaller than other cattleyas—leaves small—needs more sun than most cats.

4-5" pots 1 lead	\$ 8.50
2 lead	\$12.50

C. MLLE. LOUISE PAUWELS (C. Edithiae x Intertexta Juliette)

Flower: a good white—very floriferous—3-6 per stem, 2 & 3 times a year—mostly winter and spring—Plants: strong and vigorous.

4½ to 6" pots 1 lead	\$25.00
2 lead	\$35.00
3 lead	\$45.00

C. MAGGIE RAPHAEL (C. Dowiana x C. trianaei)

Well Known—Always Popular. Flower: richly colored—bright lavender-purple with gaily striped gold and purple lip—winter. Plants: robust and hardy.

4½" pots 1 lead barely blooming size	\$12.50
1 lead mature	\$17.50

C. MARION PATTERSON (C. Marian Davies x C. trianaei var Broomhills)

Fine Large Winter White. Flowers: large—very well held—glistening snow white—prominent bright yellow in lip—Plants: wonderful growers—large and heavy—branch freely.

4½" pots 1 lead	\$25.00
5" pots 2 lead	\$35.00

C. MARGARET VICTORIA (C. Raphael-laurea x C. gigas FMB)

A very good white with purple lip. Flowers are large, heavy with rich, creamy white s & p's and a deep elegantly colored purple and gold lip—plants are strong and vigorous—slender by habit—bloom twice a year.

4½" pots 1 lead	\$25.00
6" pots 2 lead	\$35.00

C. MARIE FERRIERA (C. Priscilla alba x C. gigas FMB)

Flower: extra nice WPL—very floriferous—large, well held—snow white s & p—very dark lip. Spring. Plants: Slender but vigorous grower branch almost every lead.

5 to 7" pots 1 lead	\$25.00
2 lead	\$35.00
3 lead	\$45.00

C. MARLENSIS (C. Guatemalensis x C. Marstonii)

A heart-winning miniature cattleya—3-4" flowers, up to 14 on a stem—bright and gay—rosy lavender to dark reddish purple with yellow in throat—bifoliates strong young plants—Spring. 4" pots 1 lead

C. BOB BETTS — one of the finest modern whites — our plant won Best Seedling Blooming 1st Time in the Miami Show in 1950 — a cross with C. St. Petersburg is listed on page 10.

C. MAXIMA

Very Popular and Unusual—one of the rarest of cattleya species—¾ to 5" flowers. 3 to 12 per stem—lavender, many dark and bright with strikingly striped lip—deep purple stripes on white and yellow background—slender but vigorous young plants, raised from seed.

3" pots Bloom in 12-18 months	\$ 7.50
4-5" pots 1 lead	\$12.50
2 lead	\$17.50

C. MOREE LOU (C. Irene x C. Bobbie Jewell)

Vigorous young plants of fine new pure white hybrid—prominent golden yellow throat—well held, good substance and lasting quality.

4" pots 1 lead	\$15.00
6" pots 2 lead	\$20.00

C. PEETERSII (C. Hardyana x C. labiata)

Dependable—Free Flowering. Fall bloomer. Flowers: dark, well held, attractively marked. 3-6 per stem. Plants: strong and hardy—branch freely.

4" pots 1 lead	\$ 8.50
6" pots 2 lead	\$12.50
3 lead	\$15.00

C. PITTIANA (C. Dowiana x C. granulosa)

Charming and Distinctive. Form and Color are Different and fascinating. Lip is spade shaped—not tubular. Colors range through all shades of yellow, bronze and brown to deep mahogany—with crimson lip. Substance is remarkable, blooms 2 to 8 per stem, 4½ to 5", summer, fall. Plants: newly potted—rooting well—naturally tall and slender—bifoliate leaves—somewhat twisted and ribbed.

4" pots established back bulb with new growth and roots	\$10.00
4½-5" pots small front division—well rooted—3 bulbs	\$15.00
4½-7" pots Mature 1 lead	\$25.00
Extra large 1 lead	\$30.00
Dark Mahogany—brown selections	\$40.00

C. ST. PETERSBURG (C. Claris) (C. Clementine Goldfarb x C. Eucharis alba)

ALL AROUND BEST WHITE. "Growinest-Bloominest" white we know. Flowers are large, heavy, well held and of good form. Strongly marked golden yellow in lip; bloom 2 to 5 times a year, 3 to 7 flowers per stem.

4½ to 7" pots 1 lead	\$30.00
2 lead	\$40.00
3 lead	\$50.00

Selected varieties \$50.00 and up—description on request.

C. TRIANAE (The Christmas Orchid)

Blooms from Nov. to Feb., 2 to 4 per stem—one of the hardest of all orchids—highly recommended for beginners. Plants are strong and very nice.

4½-6" pots 1 lead	\$ 8.50
2 lead	\$12.50
3 lead	\$17.50



C. TRIANAE VAR CHRISTMAS CHEER

A fine and unusual variety—all raised from one plant imported by L. A. Fennell in 1891—a dependable Christmas bloomer—medium sized and very dark for trianaei—lip is dark purple with gold veination.

1 lead	\$25.00
2 lead	\$35.00

C. TRIANAE VAR PURPLE PLUME

This is a fine selected variety. Flowers are large with broad sepals—light lavender background color with a prominent deep purple splash in the center and tip of the petals that matches the deep purple lip. These are rare and very stunning, strong.

1 lead	\$35.00
2 lead	\$50.00

C. TRIANAE ALBA

The white form but not really pure white—these have a light blush pink flush to them but "look white"

1 lead	\$15.00
2 lead	\$22.50
3 lead	\$30.00

C. WAVRINIANA (C. granulosa x C. gigas)

An elegant and tailored flower of unusually heavy substance—colors are rare and different—in the reddish lavender and wine red tones—lip is crimson, spade shaped or cut—lip type. Flowers 4-5", 3-8 per stem, tall, slender plants—bifoliate. Summer.

4½" pots Bloom first time this summer	\$17.50
5-6" pots Mature 1 lead	\$25.00

C. WHITLOCK FENNELL (C. Leda Bronze x C. gigas Fennells var)

LOVELY & ALLURING. Flowers: large, freshly held—full and pleasant shape—ruffled and fluted attractively over all. Blooms twice a year, summer, fall. Plants: strong and husky—branch freely.

4½-6" pots 1 lead	\$25.00
2 lead	\$35.00

Selected fine varieties \$50.00 and up—descriptions on request.

C. WOLTERIANA

This is a collector's item. The last time we had these they sold out immediately. We only have a few now, first come, first served. All shades from peach thru apricot, yellow and gold to flamingo, 3-4" flower, carries 8-14 on a stem. A very strong grower, blooms February and March.

2 to 4" tall	\$3.50
5 to 7" tall	\$5.00
8 to 9" tall	\$8.50

(C. Arcadian x C. Admiration)

These Should be Good: Both parents outstanding winter darks of good form and substance. Plants: strong seedlings—thriving and active growers.

3" pots Should bloom 18 mo.-2 yrs.	\$ 7.50
4" pots Should bloom 12-18 mo.	\$10.00
4" pots To bloom within year	\$15.00



These bronze flowers are hybrids of *C. Granulosa* such as *Pittiana*, *Antigo* and others which are featured in the unusual cattleya collection on this page.

• (*C. Barbara Billingsley x C. Ella Mae Sutton*)

A fine large Christmas and Winter white flowers—well held and full vigorous young plants blooming 1st and 2nd time.

4½ to 6" pots 1st sheath\$20.00
mature\$25.00

• (*C. Bob Betts x C. St. Petersburg*)

FINE NEW WHITE—this has been our prediction and the 1st flowers on these have proven us right! With size, shape and substance from Bob Betts and the free-flowering, ever-growing qualities of *St. Petersburg* it couldn't help but be a WINNER! Seedlings show exceptional vigor.

3" pots 5 to 7" tall\$5.00
8 to 10" tall\$8.50

• (*C. Whitlock Fennell x C. Superba*)

KEEP AN EYE ON THIS ONE! We have hopes for an extremely dark and heavy flower carried in large clusters and BIG TOO! A previous cross similar to this produces up to 14 5" flowers on a stem! Exceptionally sturdy-heavy growth on these seedlings. WANT TO TRY IT?

3" pots 2 to 4" tall\$2.50
5 to 7" tall\$4.50

• (*C. Enid Fennells var. x C. Belgica*)

PRODUCTION? You said it—these will really give you the flowers and for the Winter-Spring season too! They should be dark lavenders and really floriferous. If they bloom like they're growing they'll be wonderful.

3" pots 2 to 4" tall\$2.50
6 to 8" tall\$4.50

• (*C. Enid x C. Harry Gray*)

Flowers: well held—heavy—medium to dark lavender—3 to 5 per stem—very floriferous fall bloomer. Plants: robust—good grower—fine young stock.

4" pots Should bloom
within 12 mo.\$ 8.50
4½" pots 1 lead\$12.50
6" pots 2 lead\$17.50

• (*C. Bebe White x C. White Empress*)

Really Pure White—most show no color at all—not even in lip. Flowers: Paper white—good, full shape—well held and long lasting —Winter. Plants: compact, vigorous, branch freely.

4½ to 6" pots 1 lead\$25.00
pots 2 lead\$35.00
pots 3 lead\$45.00

• (*C. Bowringiana x C. Eva Schill*)

Extra nice cluster cattleya—3½-4½" flowers, dark, glistening texture, long lasting—4 to 10 per stem, very strong and heavy plants—bifoliate—fall & winter.

3-4" pots Should bloom in 12-

UNUSUAL AND RARE CATTLEYA COLLECTION

A special collection made up of rare and fine cattleyas that are real connoisseur's items. Each one is mature and should bloom this year —each at a different season—each with a different color and shape. Includes 6 plants: 1 *C. Pittiana*—bronze, summer & fall; 1 *C. Loddegessii*, lavender, fall & winter; 1 *Bc Daffodil x Lc Kenosha*, winter-spring cream or yellow; 1 *C. Maxima*, bright lavender, anytime; 1 *L. anceps x Blc Dorothy Fennell*, winter & anytime, bluish lavender; 1 *C. Bowringiana* hybrid, summer & fall—dark purple-lavender.

Total Value \$91.25

All six plants for only \$74.95

SPRAY & CLUSTER ORCHID COLLECTION

This is a new special collection made up especially for those of you who would like to add some variety to your orchid collection—all of these orchids have flowers from 1½ to 3½" in diameter carried in large sprays of clusters of many flowers—each is a different color and blooms at a different season. They are a fine group that will add flavor and spice to your collection. Includes: 1 *Oncidium goldiana*—yellow & brown—spring and summer; 1 *Vanda Margaret Fennell* or *Gilbert Triboulet*—blue; 1 *Epidendrum Indian Chief*, red, winter & spring; 1 *Phal. Marie*, chartreuse and rust, spring & summer; 1 *Dendrobium nobile* hybrid—lavender & yellow, spring, and 1 Cluster cattleya hybrid, lavender—purple, summer & fall. All mature to bloom this year.

Total Value \$54.50

All six plants for only \$39.95

UNUSUAL BOTANICAL ORCHIDS

Top left: *Epidendrum atropurpureum*. Middle left: *Epidendrum Howardii* — Center top and bottom: *Brassia* species — Right top: *Epid. alatum* — similar to *Epid. Greisbackianum*. For descriptions and prices see the alphabetical listing in this catalog.



CHYSIS

CHYSIS BRACTESCENS

White Wax Orchid. Flower: 3-4", 3-8 per stem, glistening white waxy—fragrant. Spring and summer. Plants: long, banana shaped bulbs—beautiful dark green, ribbed light, flexible leaves—semi-deciduous, plant is naturally pendant—should be allowed to hang over sideways—These are largest plants we've ever offered and at the lowest price.

4-4½" pots Strong, young blooming
size\$ 5.00
fully mature blooming size\$ 7.50

CIRRHOPETALUM

CIRRHOPETALUM BIFLORUM

RARE—RARE—RARE and really captivating. Flowers: in pairs—most unusual shape bottom sepals are very long—carried side by side and "bowlegged", lip is small and mounted on a spring so that it vibrates constantly—dorsal sepal and petals quite small —flower ½"x2" over all—purple and yellow —blooms several times yearly. Plants: bulbs ¾"—leaves 3"-4" long—dwarf.

3" pots—just repotted—single plants \$ 6.50

COELOGYNE

COELOGYNE CRISTATA

Glistening white flowers — several on lateral stem — about 2". Very cute. Plants are small bulbs up to walnut size with 2 light flexible leaves 3 to 4" long grows like a weed. Can stand cool temperatures.

4" pots 1 to 2 lead\$5.00
4½ to 5" pots 2 to 3 lead\$8.50

COELOGYNE CORRUGATA

Pristine, Lovely and Rare. Flowers: pure white, 1½", like miniature cattleya—5 to 10 on short arching stem from base of bulb. Early spring. Plant: heavy, tapering bulb—long flexible leaf—dark, blue green with natural black rust-like growth on leaf edges.

3-4" pot 1 lead, mature\$10.00



These are Dend. Nobile hybrids such as are listed on the next page



CYMBIDIUM

from Asia and Australia—heavy, waxy flowers—many on a long stem. Plants are very husky and tough — semi-terrestrial — grow equally well in open, well drained soil or in osmunda.

CYMBIDIUM ALOIFOLIUM

WARM GROWING — PENDANT FLOWERS Flowers: 1½", striped maroon on yellow, beautiful Javanese colors, 15 to 35 on long pendant stem. Spring, summer. Plants: long, narrow, erectly arching, stiff leaves—no obvious bulb—terrestrial.

5-7" pot 2-3 lead\$10.00

CYPRIPEDIUM

THE LADY SLIPPER ORCHIDS from India and Tropical Asia — relatives of our American Lady Slipper or *Moccasin* flower that grows wild thruout northern U.S. Flowers are usually green — last for months. Plants have beautiful foliage — no storage capacity so must be kept slightly damp. Do well without much light.

CYPRIPEDIUM LAWRENCIANUM

One of the old stand-bys — easy to grow and recommended for home growing. Blooms Fall, Winter and anytime. Flowers are dark green with white and red-purple stripes and markings — heavy and long lasting. Foliage is mottled dark and light green in beautiful patterns — an attractive foliage plant when not in bloom.

4" pots small blooming size — 2 to
3 growths\$ 7.50
Medium blooming size ..\$10.00
4½" pots fully mature\$12.50

DENDROBIUM

from Pacific and Indian Ocean Islands, also, Far East and Tropical Asia—are large and fascinating branch of the orchid family—have small to medium sized flowers in clusters and sprays. Usually strong, tough plants that are easy to grow. General growing instructions apply except that some types want to dry out in the fall.

DEND. AGGREGATUM

ENCHANTING "GOLDEN CASCADE". Flowers: 1½", 10 to 20 per stem, short pendant over pot—often cover whole pot—an engagingly lovely pot plant. Spring. Plants: dwarf—small—corrugated—silver bulbs—compactly grouped—short heavy leaves.

4½-5" pots 4-6 lead\$25.00

DEND. FIMBRIATUM OCULATUM

Flower: 1½", 6 to 20 per stem, stems pendant from end of long bulbs—bright yellow s & p, orange, velvet, lip with dark brown center. Spring. Plants: tall, slender bulb-caness with many short flexible leaves along top half—

old bulbs bloom for several years.

3" pots 6-8" tall—bloom 2-3 yrs. \$ 3.50
3" pots 9-12" tall—bloom 1-2 yrs. \$ 5.00

DENDROBIUM FORMOSUM GIGANTEA

Flowers large — to 4" — pure glistening white when 1st open — gradually change to tissue-paper thinness and last for months — winter and spring. Plants have tall slender stems with silvery paper covering, black hairy growth at each node and dark bluish-green leaves — these are young ones from seed 1st bloom this past year.

4" pots 8 to 11" tall\$ 8.50
over 12" tall\$12.50

D. HAWAII (D. PHAL. DIXON'S X TOKAI) a fine new strain of this ever blooming and popular dark purple spray orchid. These are vigorous young seedlings just big enough to bloom.

3" pots 8 to 10" tall\$6.00

D. MICHAEL KIRSH (URSULA X GOULDII) an exotic flower with strikingly twisted S & Ps and lovely colors in the yellow and brown tones. Plants are strong, young ones.

3-4" pots 12 to 16" tall to bloom
this year\$ 7.50
5-6" pots 20 to 30" tall, mature ..\$12.50

DEND. MOSCHATUM

Flower: 2½ to 4", 5 to 10 per stem, pendant from end of long bulb, full and waxy, s & p, velvety pouch lip—peachy-apricot, with brown eye in lip. Spring. Plants: fast, large growers—want very small pot.

3" pot 7-10" tall\$ 3.50
11-15" tall\$ 5.00
4-5" pot single, just mature\$10.00

DENDROBIUM NOBILE AND HYBRIDS

This group of the *Dendrobiums* are among the prettiest and showiest of them all. Flowers are produced two to five on short stems along the top third of the bulbs — usually the older bulbs of previous years' growth — old bulbs will bloom two or three years on strong plants. Large strong bulbs will produce up to fifty flowers at a time. Bulbs are tall and slender with noticeable zig-zag type of growth — leaves last about eighteen months. These plants are easy to grow but need either cool weather or a very dry fall to force them into bloom — should not be watered once growth is finished in September until flower buds are visible in January or February.

DENDROBIUM ELEANORE, WESTON-BIRT VAR.

One of largest and finest — a well known variety — Exhibition stock.

3" pots 1-2 Bulbs 8-11" tall ...\$ 6.00



Dend. Hawaii

Dend. Shorewood

Dend. Fimbriatum Oculatum

Dend. Alice Spaulding

Dend. Phalaenopsis

- 4-5" pots 2-3 Bulbs 12-15" tall ... \$10.00
 2-3 Bulbs 16-20" tall ... \$15.00
 5-6" pots 3-5 Bulbs 18-26" tall ... \$20.00

DENDROBIUM JUNO

A fine dark, large, well held and very free flowering.

- 3" pots 1-2 Bulbs 8-11" tall ... \$ 5.00
 4" pots 2-3 Bulbs 12-17" tall ... \$10.00
 5-6" pots 3-5 Bulbs 18-28" tall ... \$17.50

DENDROBIUM LADY COLMAN

One of the best known and finest of the large, dark, Nobile hybrids.

- 3" pots 1-2 Bulbs 8-11" tall ... \$ 6.50
 4" pots 2-3 Bulbs 12-15" tall ... \$12.50
 4-5" pots 2-3 Bulbs 16-20" tall ... \$17.50
 5-6" pots 3-5 Bulbs 20-30" tall ... \$25.00

DENDROBIUM NOBILE VAR. ROTUNDA

Lavender white flowers with deep maroon-purple center — called Pansy Orchid

- 3" pots 1-2 Bulbs 6-10" tall ... \$ 3.50
 4" pots 1-2 Bulbs 11-15" tall ... \$ 6.50
 4½-5" pots 2-3 Bulbs 14-20" tall ... \$ 8.50
 5-6" pots 4-6 Bulbs 18-26" tall ... \$17.50

DENDROBIUM SHOREWOOD

Flowers: should be finest Exhibition Quality — large, bright and dark, full and almost round with large, vivid lip.

- 3" pots 1-2 Bulbs 8-11" tall ... \$ 6.50
 4" pots 2-3 Bulbs 12-15" tall ... \$12.50
 4½-5" pots 3-5 Bulbs 16-26" tall ... \$17.50

D. PHALAENOPSIS — DIXON STRAIN (7th generation of inbreeding) — Best known of all Dendrobiums. Very round and very dark purple flowers — for fall — husky young plants to bloom this year.

- 3" pots 9 to 11" tall ... \$6.50

D. PHALAENOPSIS PASTEL — line bred for fine round shape and lovely pastel shades of pinkish lavender — result of many years of selection and inbreeding — truly lovely. Strong and vigorous seedlings to bloom this year.

- 3" pots 9 to 11" tall ... \$6.50

DEND. PHALAENOPSIS VAR RONAELE VERY FINE—VERY DARK. A species selected and in-bred through several generations—really outstanding flowers of exhibition quality—extra bright and dark crimson purple over all—no fading out or white blotches at center or edges—Round and full—long lasting. Fall. Plants: Seedlings blooming 1st and 2nd time.

- 3" pots 6-8" 1st bloom ... \$ 8.50
 9-12" 1st bloom ... \$12.50
 3-4" pots 15-18" 1st bloom ... \$20.00

D. TAURUS — (TAURINUM X UNDU-LATUM) Unusual and beautiful shades of rusty-bronze and tawny rose — flowers twisted and curled on long arching sprays.

- 3-4" pots 12 to 16" tall ... \$7.50

DEND. SUPERBUM VAR DEAREII

VERY FINE—THE TRUE VARIETY—D. S. var Deareii does not produce seed—must be grown from offshoots—is much larger—completely pure white throat—very fragrant—much finer than the common alba form—usually sold as Deareii. Plants: young offshoots—slender but strong, pendant bulbs—

should bloom 1-2 years.

- 3" pots 7-10" long ... \$ 7.50
 11-15" long ... \$12.50

• (*D. Alice Spaulding x D. Stratiotes*) — large heavy flowers of ivory white with erect twisted, antelope-type petals — heavy, vigorous plants.

- 5-6" pots 20 to 30" tall mature ... \$14.50

• (*D. Phal. Dixon x D. Capra*) — bred for outstanding dark purple color — should be gorgeous long dark sprays — husky young plants to bloom this year.

- 3" pots 8 to 12" tall ... \$6.00

• (*D. Phalaenopsis x D. Imthurnii*) — a NEW HYBRID using an extremely rare parent — expect rosy lavender flowers like Hawaii in shape and flowering habit.

- 3" pots 9 to 11" tall ... \$6.50

• (*D. Taurus x D. Pauline*) — A free flowering, strong growing hybrid for year around bloom with lovely colors in the rose-purple tones. Husky young plants.

- 3-4" pots 12 to 17" tall ... \$7.50

Dendrobium Collection #1

All smallish mature plants—should bloom this year.

- 1 Dend. Fimbriatum oculatum
 1 Dend. Infundibulum
 1 Dend. Phalaenopsis
 1 Dend. Nobile hybrid

Value \$34.00 All 4 plants for only \$27.50

Dendrobium Collection #2

- 1 Dend. Phal. Dixons
 1 Dend. Phal. Pastel
 1 Dend. Phal. x D. Capra
 1 Dend. Phal. x D. Imthurnii
 1 Dend. Taurus x D. Pauline

All 5 plants to bloom this year

Total Value \$33.00 For Only \$26.98

Dendrobium Collection #3

Six fine young offshoot propagations of Dend. Nobile hybrids—all different, 3" pots, 8-12" tall, valued at \$6.50 each.

Total value \$39.00.....for only \$29.95

DORITIS

Relatives of Phalaenopsis—are usually called Phalaenopsis—very husky plants—long arching bloom stems with small flowers that bloom for several months.

DORITIS PULCHERRIMA (*Phalaenopsis Esmeralda*) VAR. ORCHID JUNGLE.

VERY POPULAR—A WINNING MINATURE. Flowers: 1", a few at a time on tall erect, stem that elongates and blooms for several months. Extra fine dark lavender strain. Winter and spring. Plants: dwarf, 4 to 7" across—leaves narrow—looks more like dwarf Vanda.

- 4-5" pots Single plants, blooming
 size ... \$12.50

EPIDENDRUMS

from Tropical America—Florida and southwards. A fascinating and rewarding group —flowers usually smallish but carried many on long branched sprays—all colors, sizes, shapes and blooming seasons. General growing instructions apply for most—can treat them just like your cattleyas.

EPID. ATROPURPUREUM

EXOTIC & STUNNING. Flowers: one of showiest of all Epidendrums—2½-3", many on a stem—tall and arching, deep mahogany brown s & p's, twisted and waxy bright lilac rose lip—lip is large and spreading—Spring. Plants: large pear shaped heavy bulbs with long leathery leaves—2 to a bulb, newly imported, very nice plants, large & plump. Leaves somewhat bruised & broken.

- 5-7" pots smaller ... \$ 7.50
 larger ... \$10.00

EPIDENDRUM BALL O'GOLD

A cane stem hybrid — our own selection of a particularly fine strain — produces large compact heads of rich dark golden flowers — blooms for months — can ship in bud almost anytime.

- 4" pots 2-4 canes 12 to 16" high \$7.50

EPID. COCHLEATUM (from Haiti)

BLACK ORCHIDS? Not quite, but close to it—the lip is deep maroon—purple that looks black—veined with chartreuse—s & p's are chartreuse—the lip is shell shaped—often called the "Cockleshell Orchid". Spring and anytime. Plants: tall, slender pear shaped bulbs—light flexible strap leaves.

- 3-4" pots 1 lead ... \$ 5.00
 5" pots 2 lead ... \$ 7.50

EPID. INDIAN CHIEF

LARGE—FIRE ENGINE RED. Flowers: 1½" in large clusters 4 to 5" across, bloom for several months mostly winter and spring. Plants: fine for beds in garden, tall, slender canes, leaves at sides, blooming size and free grower and bloomer. Will bloom in ½ sun, likes full sun best.

- 3" pots 1 cane, 12-15" high ... \$ 1.50
 2-3 canes, 15-18" high ... \$ 2.50
 12-16" cuttings with roots \$10.00
 25 cuttings with roots for \$17.50

EPID. STAMFORDIANUM

ALWAYS A FAVORITE. Flowers: 1-1½" yellow—speckled and spotted brown—large frilly lip, on long lateral bloom stem—closely set together—quite showy—larger plants make a stunning pot plant. Winter & spring. Plants: tall, slender bulbs with several flexible strap leaves toward top, just imported and potted—plants somewhat rough looking with some broken leaves.

- 4-5" pots 1 lead ... \$ 7.50
 2 lead ... \$10.00

Epidendrum Unidentified species from Bahamas. Grows like atropurpureum but has pure yellow flowers in tall densely flowered spray — newly imported strong plants — 1st batch sold out immediately when imported — only a few of these.

- 5 to 6" pots 1 lead ... \$10.00
 5 to 6" pots 2 lead ... \$15.00

Epidendrum Collection

1 Epid. atropurpureum—newly collected, 1 Epid. Grisebackianum, newly collected, 1 Epid. Cochleatum from Haiti, 1 Epid. Indian Chief.
Total Value \$20.00
All four blooming size only \$14.98

GONGORA

GONGORA MACULATA

PUNCH AND JUDY ORCHID. Rare and weird—Flowers: 1½" on long pendant stems, 12 to 20 per stem, flowers brown, maroon and yellow—look like big-nosed face of Punch & Judy. Plants: short very stout and corrugated bulbs; large, light plicate or ribbed leaves; newly imported, just potted, mostly leafless, strong fat bulbs.

5" pots single mature\$ 8.50
7" pots larger mature\$15.00

HAEMERIA

These orchids are grown for their gorgeous foliage, not for their flowers. They are known as "Jewel Orchids" and are truly lovely pot-plants. Leaves are borne in a rosette around a fleshy thick central stem. Whole leaf has a velvety texture. Plants want to be planted in loose open soil and kept damp — more than ½ shade is necessary and humidity should be kept high.

HAEMERIA DISCOLOR

Leaves are green with coppery-red overtones and bright gold veins — about 2½" wide by 5" long.

3" pots single plants\$9.50

HAEMERIA DAWSONIANUM VAR NIGRANS

Leaves are very dark green — look like black velvet with a silver midrib — about 1½ x 4" long.

3" pots single plants\$7.50

LAELIA

Relatives of the cattleyas—usually small to medium sized flowers, carried several on long sprays—often used for color and number of flowers in breeding with cattleya—very hardy strong plants—easy to grow.

L. ANCEPS

Flowers: star shaped—very crisp and attractive, 3-6 on long arching stem. Plants: newly collected, plants root but rooting well.

4" pots 1 lead smallish\$ 5.00
4½ pots 2 lead\$ 8.50

LAELIOCATTELEYA—Lc

Bigenetic hybrids of Laelia x Cattleya—some of the largest, darkest and finest modern hybrids are in this group—also many of the fine yellows.

LC APHRODITE ALBA (L. purpurata alba x C. Mendellii alba)

A fine strain of an old standby and still very popular—these are large flowers, heavy substance, well held, 3-7 flowers per stem—blush white or very light lavender s & p's—very dark lip—most of the plants are exceptionally tall and strong growers, fine bloomers, very showy. Spring & summer.

5 to 7" pots 1 lead\$12.50
2 lead\$17.50
3 lead\$25.00

LC AUTUMN YELLOW (Lc Thurgoodiana x Lc Page Platt)

Widely Sought After—Consistently Fine Yellow—Flowers: All are richly colored—vary from light creamy yellow s & p's with brilliant dark crimson lip to dark golden orange with red lip—plants are willing growers and free flowering. Seasons variable.

4-4½" pots 1 lead\$35.00
Selected Varieties \$75.00 and up, description on request.

LC BRUNO ALBERTS (Lc Florida var Gold Star x Lc Canhamiana var Alberts)

A Whopper—Large & Fine. Flowers: big, heavy, dark, well held, really spectacular. Spring. Plants: very heavy and strong, tall.

4-4½" pots Sheath next growth\$17.50
4½" pots 1st sheath\$25.00
6" pots 2 lead\$35.00

LC DAISY (L. anceps x C. Mossiae)

crisp and perky, star-shaped flowers—4-5", 3 to 7 on long arching and swaying stems—blush white s & p's with bright yellow and purple lips—unusual and very attractive—strong young plants—blooms 2-3 times a year.

4" pots Should bloom with 12 mo. \$ 8.50
4½" pots 1 lead\$12.50
6" pots 2 lead\$17.50

LC EMMIE LIVINGSTON (L. Clotho var Rosea x Lc Miami var Silver Bowl)

Many fine Show Flowers here. Flowers: Large and round—overlapping s & p's lavender—lip extra large—rich, bright purple. Winter-spring. Plants: blooming for 1st time. Very pretty.

4" pots 1 lead\$25.00
5" pots 2 lead\$35.00

LC ERNIE PYLE (Lc Atlesse x C. Mossiae)

Flower: fine, dark, floriferous Easter bloomer. Plants: original cross—fine robust plants.

4½" pots 1 lead\$25.00
6" pots 2 lead\$35.00

Our own remake of this fine Easter hybrid. Plants strong, fine seedlings.

3" pots 5-8" tall\$ 4.00
9-12" tall\$ 7.50

LC GEORGE LEWIS (Lc Helen Wilmer AM x Lc Atlesse)

An Exceptionally fine Hybrid. Flower: Large, heavy, dark and well held—shape full—overlapping s & p's. Plants: well grown and strong.

4½" pots 1 lead\$30.00
6" pots 2 lead\$40.00

LC JANE FROMAN (C. Alwynii var Jane Froman x C. Hassallii Cowaniae var FCC RHS)

Flower: a fine WPL—Large, well held and heavy rich cream white—very dark lip. Plant: strong grower.

4 to 6" pots 1 lead\$25.00
2 lead\$35.00
3 lead\$45.00

LC KENCOLOR (Lc Kenosha x C. Bicolor)
DON'T MISS THIS ONE if you like the bifoliate cluster types with cut-lips. It covers all shades of chartreuse and yellows from creamy tones thru to clear greens — lips are rose or lilac color. 3 to 4" flowers up to 10 on a stem. Plants are naturally tall and slender — Planted in fir bark.

5 to 6" pots small 1 lead\$15.00
larger\$20.00
2 lead\$25.00

LC MAGNERI (L. tenebrosa x C. granulosa)

This one is really different—unusual shades of yellowish, golden or brown with crimson spade shaped, cup lip—heavy substance, long lasting—vigorous, tall, slender bulbs—bifoliate.

4½" pots 1 lead\$15.00

LC NANCY BERQUIST (L. purpurata var Orchid Knoll) x (C. Enid alba var Mildred)

Flowers: stunning and elegant—snow white s & p's with vividly brilliant dark royal purple throat and lip—large and fine flower. Plants: very handsome, tall, heavy, spotted and marked red on leaves.

4-4½" pots Sheath next growth\$17.50
4½" pots 1st Sheath\$25.00
5" pots 2 lead\$35.00

LC ROBERTA OFF (Lc Helen Wilmer x C. Enid)

Consistently High Quality. Flowers: richly colored, bright lavender and purple, full, round, of heavy substance, a joy to grow. Plants: vigorous.

4½-6" pots 1 lead\$30.00
2 lead\$40.00
3 lead\$50.00

LC SEATTLE (Lc Elissa x Lc Southesk)

LARGE — ROUND — GORGEOUS. Show flowers with perfection in form, color and substance are the expectations for this cross—both parents are outstanding and the seedlings show wonderful vigor.

3" pots 8-10" tall\$10.00
Should bloom within year\$17.50

LC SPRINGGOLD

A Giant in Growth and Flower. Flower: very large and full—lavender with dark throat—heavy, well held—very popular, 3 to 6 per stem. Spring and fall. Twice a year. Plants: very heavy & robust. Larger plants are spectacular.

5 to 7" pots 1 lead\$25.00
2 lead\$35.00
3 lead\$45.00

LC SWANEE RIVER (Lc Miami var Louis IV x Lc Camhamiana var Alberts)

LARGE & LOVELY. Flowers: 7 to 8", 3-5 per stem, spring. Heavy substance, fine shape, very dark lavender. Plants: some of strongest, largest seedlings we have.

4½" pot Sheath next growth\$17.50
4½ to 5" pot 1st Sheath\$25.00
2 lead\$35.00

LC WILMOSA (Lc Helen Wilmer x Lc Monmoss)

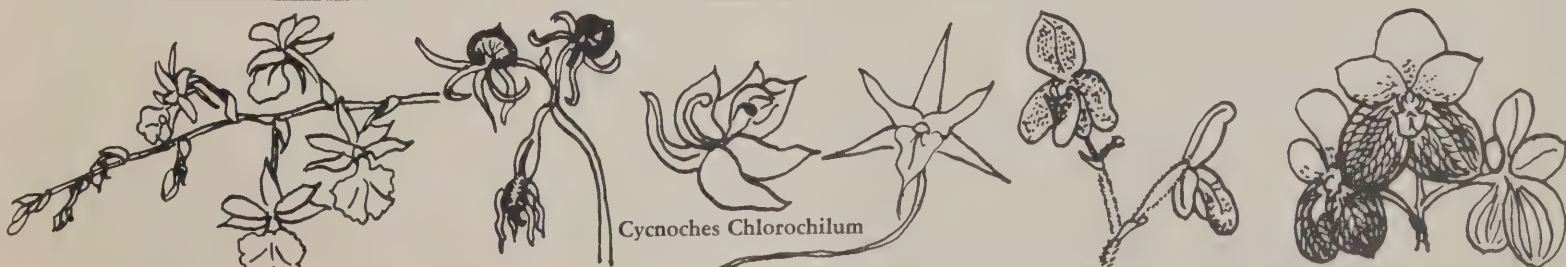
Superb dark lavenders—Exceptional flower Quality. Flowers: large, finest shape and substance, brilliant clear dark colors. Plants: fine, strong and vigorous—most with 1st or 2nd sheath.

4½" pots 1 lead\$30.00
6" pots 2 lead\$40.00
Selected fine varieties\$75.00

(L. anceps x C. Odalisque)

New and attractive hybrid—like larger, improved L. anceps with frilled and fluted lip, 4-5" star shaped flowers, 3-7 on long arching sprays—fine for arrangements and corsages—blooms 2-3 times a year.

3-4" pots Should bloom 12-8 mo. \$ 6.50
4½" pots 1 lead\$12.50
6" pots 2 lead\$17.50



Calanthe hybrid

Epidendrum Cochleatum

Angraecum Sesquipedale

Cypripedium Concolor

Vanda Sanderiana

• (*Lc Altesse x C. Marstonii*)
An extra fine new hybrid—blossoms in the spring and again in the summer or fall. beautiful large, full and round lavender flowers of good substance, well held and a heavy bloomer—young plants of exceptional vigor and strength.

3" pots Should bloom 18-24 mo. . . \$ 7.50
4½" pots 1st sheath . . . \$20.00
6" pots 2 lead . . . \$30.00
3 lead . . . \$40.00

• (*Lc Apricosa x Lc Henrietta P. Dane*)
Yellows of exceptional form, substance and color should result from this cross of outstanding parentage — we're only releasing a few of this one — fine young seedlings.

3" pots 3 to 5" tall . . . \$3.50
6 to 8" tall . . . \$5.00

• (*Lc Autumn Yellow x C. Admiration*)
One of our best yellows crossed with a bright lavender winter flower of exceptional beauty — should combine to make some LOVELY DARKS for Winter flowering — These seedlings are willing growers.

3" pots 2 to 4" tall . . . \$2.00
5 to 7" tall . . . \$3.50
8 to 10" tall . . . \$5.00

• (*Lc Autumn Yellow x Lc Marie Webb*)
An exceptional yellow crossed with an immense WPL of fine substance and form and with yellow ancestor — should produce outstanding WPL and some exceptional yellows. These youngsters are vigorous and husky.

3" pots 2 to 4" tall . . . \$2.00
5 to 7" tall . . . \$4.50
8 to 10" tall . . . \$7.00

• (*Lc Black Hawk x C. gigas*)

Flowers: large, very dark, bright yellow eyes in deep purple lip—3-6 per stem—Spring and various. Plants: extremely vigorous—branch on almost every bulb—should bloom 2 to 3 times a year.

4½" pot 1 lead . . . \$12.50
7" pot 2-3 leads . . . \$17.50
3-4 leads . . . \$25.00

• (*Lc Black Hawk x Lc Waubesa*)

All around best cattleya hybrid we know. Flowers: medium size, 3-5 per stem, 2 to 5 times a year, most are dark reddish lavender, very heavy and long lasting—well held, good shape, gold or golden brown in lip. Plants: grow in est plant in our place—compact.

4 to 6" pot Small, 1 lead in sheath \$17.50
Mature, 1 lead . . . \$20.00
2 lead . . . \$25.00
3-4 lead . . . \$35.00
Selected fine dark reddish lavender . . . \$50.00

• *Lc Canhamiana alba x C. Maggie Raphael alba*

Flower: fine, large, WPL, very dark lip, very floriferous. Winter, spring. Plants: very robust, strong young plants.

3" pot 8-10" . . . \$ 8.50

• *C labiata var Charlesworthiae x Lc Cynthia var Grandis*

Flower: WPL—richly textured white with brilliant, contrasting gold and purple lip, large, heavy and full. Fall. Plants: strong, heavy plants, fully mature.

4½" pot 1 lead . . . \$25.00
6" pot 2 lead . . . \$35.00
3 lead . . . \$45.00

• (*Lc Derrynane x Lc Max J. Palm, Jr*)

These have been uniformly fine. The few that we've bloomed so far have been wonderful—large, full and round, over all richness and deepness of color and with fine substance—some outstanding Exhibition flowers for fall and winter, will surely appear among these robust and willing growers.

3" pots 8-10" tall . . . \$ 8.50
Bloom within year . . . \$15.00

• (*C. Clotho x Lc Florida*)

Fine Winter—Spring Exhibition Flowers. Flowers: Large, fine round shape, richly colored in deep lavenders and purples, heavy and long lasting. Plants: exceptionally strong, fine, young stock. 1st and 2nd sheaths.

4 to 6" pots 1 lead . . . \$25.00
2 lead . . . \$35.00
3 lead . . . \$45.00

• (*C. Bowringiana x Lc Nakoma*)

Flower: cross between purple Bowringiana and a large yellow—3½-4½", heavy and well held, 4 to 10 per stem, color ranges from WPL to very dark—many colorful rosy shades. Plants: large, strong and vigorous.

4½-6" pots 1 lead . . . \$12.50
2 lead . . . \$17.50

• (*C. Dowiana aurea x Lc Gatton Glory*)
Rich golden yellows with crimson throats—well held and of good substance, are our predictions for this fine new hybrid. Seedlings are willing growers—remarkably robust for yellow crosses.

3" pots 5-7" tall . . . \$ 6.50
8-10" tall . . . \$10.00
should bloom within year \$15.00

• (*Lc G. S. Ball x C. granulosa*)

SURPRISE — SURPRISE — the colors are the surprise — most of these flowers are in lovely soft sunset shades of orange, coral and rose — some apricots, golds, and yellows and chartreuse as well — about 4" in diameter — most are very heavy and long lasting — 4 to 10 per stem — seem to be blooming 2 and 3 times a year.

4½ to 5" pots 1 lead . . . \$17.50
larger 1 lead . . . \$25.00
5 to 6" pots 2 leads fully mature \$30.00

• (*Lc. James Rabe x C. Fred Sander*)

Gay winter bloomer. Flowers: intensely colorful—free flowering, large, dark, heavy, well held—lip attractively marked deep purple and gold. Plants: sturdy and strong—freely branching.

3-4" pots should bloom in 12 mo. \$12.50
4-5" pots 1 lead . . . \$20.00
2 lead . . . \$30.00

• (*C. King George x Lc Gorse*)

A stunning new yellow — and only a few of them — rich deep color with carmine red and magneta lip — heavy substance — Summer and Fall.

4" pots to bloom within a year . . . \$15.00
4½ to 5" pots to bloom next growth \$20.00

• (*C. labiata alba x Lc New York alba*)

Regal Elegance

Glistening snow white s & p's with richly contrasting deep crimson purple lip—flow-ers of fine form with broad segments and heavy substance should make a combination hard to beat—sturdy young plants that are active and willing growers.

3" pots 10-12" high should bloom within year . . . \$15.00
4-4½" pots 1st sheath . . . \$20.00

• *Lc Linnaeus T. Savage X Bc Hartland*

Perfection in form and color. Ranks high among modern Hybrids. Color rich throughout—size, shape and substance outstanding. Fall and winter. Plants: husky—thriving.

4" pots 1 lead . . . \$30.00
6" pots 2 lead . . . \$45.00
Selected varieties \$50.00 up—description on request.

• (*C. Mossiae x Lc Pontarral*)

Flower: should be fine, large, dark Easter bloomer. Plants: very robust and fine.

3" pots 7-9" tall . . . \$ 6.50
10-14" tall . . . \$10.00

• (*Lc Nakoma x C. Dowiana*)

Rich Bronzes and deep golden yellows — about 40% of these have reddish bronze blushes and over tones that are really gorgeous — The rest are deep golden yellows — all have extremely dark crimson purple lips with gold veination — all are of heavy substance and good shape — plants are strong willing growers — with broad heavy leaves unusual in a yellow — planted in pine and cedar.

5 to 6" pots 1 lead-small mature \$17.50
larger . . . \$25.00
2 lead . . . \$30.00

• (*Lc Orange x C. Schroederiae*)

Should be similar to C. Wolteriana — flowers somewhat larger and many with a crimson or purple lip — at any rate these will be charming cluster types in unusual colors. Naturally slender but vigorous seedlings.

3" pots 3 to 5" tall . . . \$2.50
6 to 8" tall . . . \$4.50

• (*Lc Soulange x Lc Gaillard*)

Do you like your orchids BIG and DARK? If so this one is for you! Both parents were outstanding — large, heavy, dark and full with tremendous and very dark lips — Spring — Husky and fast growing seedlings.

3" pots 2 to 4" tall . . . \$2.50
5 to 7" tall . . . \$4.00

• (*Lc Princess Prudence x Lc Southesk*)

Perfection of form and rich color should make this a truly elegant flower for the connoisseur and exhibitor—flowers should be large, round with broad s & p's and a brilliant dark lip—seedlings are husky and thriving.

3" pots 8-10" tall . . . \$ 8.50
bloom within year . . . \$15.00

• (*Lc Queen Mary x C. Harry Gray*)

Lovely new fall and winter dark. Flowers: round and full shape—medium size, heavy substance—long lasting—gold veination in lip adds gay note. Plants: compact, heavy—somewhat short.

4 to 6 pots should bloom in 12 mo. \$15.00
1st sheath . . . \$20.00

• (*Lc Red Oak x C Bowringiana*)

Finest Bowringiana hybrid we've seen. Flowers: 4 to 6", 4 to 8 or 10 per stem—very dark and bright, shape full—often overlapping—long lasting. Sept. to Jan. Plants: tall and robust—large leaved—bifoliate.

5 to 10" pots 1 lead . . . \$20.00
2 lead . . . \$30.00
3 lead . . . \$40.00



Fine Yellow
Lc. Hybrid

This is Lc Autumn yellow — the parent of some of the crosses listed in the catalog. This is a fine yellow typical of the Lc Nakoma cross also listed.



Lc Wilmosa — a fine modern hybrid — typical of the better Helen Wilmer crosses.

• (*L. Tenebrosa* x *C. Guttata Leopoldii*)

Very exotic bronzes and mahoganies — all with brilliant purple throat and lip for fall and winter — we had a few of these seedlings and they turned out so well we tracked them down and bought the lot — flowers are very heavy and long lasting — medium sized up to 10 on a stem — plants very tall and slender by nature.

3" pots 5 to 7" tall	\$ 3.50
3" pots 8 to 10" tall	\$ 5.00
4" pots 10 to 12" tall	\$ 7.50
4" pots small plants 1st sheath	\$10.00
4½ to 5" pots larger plants	\$15.00, 20.00, 25.00

• (*C. Trimos* x *Lc Altesse*)

LARGE, ROUND, AND HEAVY LAVENDER for EARLY SPRING IS THE FORECAST and these vigorous young plants are a joy just to watch growing.

3" pots 3 to 5" tall	\$3.00
6 to 8" tall	\$4.50

Laeliocattleya Collection

An interesting cross section of the *Laeliocattleya* group—all but the yellow are fine, strong, mature plants—each of a different size, shape, color and season. Includes: 1 *Lc Aphrodite*, WPL; 1 *Lc Capulet*, peach and lav; 1 *Lc Daisy*, cluster; *Lc Magneri*, bronze; *Lc Black Hawk* x *C. Gigas*, very dark; *Lc Derrynane* x *Lc Max J. Palm, Jr.* 1st sheath, extra large and fine dark; 1 *Lc Nakoma* x *C. Dowiana aurea* seedling should bloom within 18 months, fine yellow.

Total value of the 7 fine plants...\$92.50
Very special collection price only...\$69.95

MAXILLARIA

MAXILLARIA TENUIFOLIA

A gay little flower—golden triangles deeply speckled in dark maroon-red, very heavy substance and long lasting—often taken for enameled costume jewelry when worn—single flowers 1½ to 2" carried in among leaves on short erect stem. Plants: a climber—tiny flattish bulbs with very long and narrow, gracefully arching leaves.

3" pots single plants—just repotted	\$ 6.50
3" pots large plants—5-6 leads	\$25.00

ODONTOGLOSSUM

Relatives of the *Oncidiums* — from Tropical America — most of this group are cool growing orchids not practical for culture in the home — many people consider these the loveliest of orchids. Want lots of water and food while growing — then dryness and lots of light while resting.

ODONTOGLOSSUM CITROSMUM

Lovely — fresh — crisp flowers in tones of creamy white and flesh pink with orange in the lip — 2 to 3" in diameter carried

several to many on a stem — plants have large fleshy bulbs and long flexible leaves — in cedar bark — can stand cool, but are one of few warmer growing *Odontoglossums*. **SUITABLE FOR HOME CULTURE.**

4½ to 5" pots small mature	\$ 5.00
larger	\$ 7.50
2 lead	\$10.00

ONCIDIUMS

From Tropical America—Florida and southwards. An enchanting branch of the family. Most are known as "Dancing Girl," "Butterfly," or "Shower of Gold" orchids. Usually have small to medium sized flowers—many on long sprays. Most are yellow and brown—long lasting and easy to grow—General Growing instructions suit them well.

ONCIDIUM AMPLIATUM

Large, round and flat bulbs — grow overlapping like fish scales — leathery leaves usually 2 to a bulb — flowers heavy 1 to 1½" diameter — bright gold 30 to 200 on tall erect or arching stem — newly imported — have new growth completed — old bulbs and leaves somewhat scarred.

4½ to 6" pots	\$5.00 and \$7.50
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ONCIDIUM CARTHAGINENSE

Flowers are pink or light lavender with darker reddish or amethyst spots and markings — carries hundreds on long arching blooms stems up to 9 ft. long. Bloom Spring and Fall. Plants are the heavy broad leaved type — leaves naturally spotted and freckled all over. Newly imported and somewhat scarred, but have made good new growth.

3" pots—3 to 5" tall	\$ 2.50
6 to 8" tall	\$ 4.00
4 to 5" pots—10 to 14"—mature	\$8.50 to \$17.50

5 to 6" pots—14 to 20"—2 to 3 leads — specimens	\$20.00
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ONC. CEBOLLETA

The onion orchid—leaves are terete—long and tubular, dark green, looks like onion leaves—heavy and dark green. Flowers: ½ to 1", many on tall arching branched spray—bright golden yellow and deep rich rust brown "dancing dolls".

3" single mature	\$ 5.00
larger single	\$ 7.50

ONC. GOLDIANA (*O. flexuosum* x *O. sphacelatum*)

Free flowering—shower of gold. Flowers: 1¼", yellow and brown—several hundred on long arching or pendant, branched sprays—spring and summer. Plants: very husky and vigorous—tall, tapered corrugated bulb—long strap leaves.

4-4½" pots 1 lead	\$ 5.00
larger 1 lead	\$ 7.50
5-6" pots 2-3 lead	\$12.50

ONCIDIUM MACULATUM

This one is different — it looks more like an *Odontoglossum* and is often called such — Rich chocolate markings on creamy white background make this a favorite with all who see it — 10 to 30 2" flowers on a short arching bloom stem. Bulbs are short and fat; leaves — long strap type.

4" pots 1 lead newly imported	\$ 4.50
4½ to 5" pots 2 leads	\$ 7.50
5" pots established specimens	\$15.00 & \$20.00

ONC. SPLENDIDUM

One of largest, showiest of the Dancing Girls—Flowers are gaily colored golden yellow and chestnut brown 2½"—many on tall, erect, branched stem—very stunning and decorative. Winter and spring. Plants: very heavy—deeply channeled and pointed leaves—small bulb—dark blue green color—some have reddish overflush.

3-4" pots should bloom 1-2 yrs.	\$ 5.00
4-4½" pots should bloom this year	\$ 8.50
5-6" pots much larger single	\$15.00

PHAIUS

Terrestrial, bulbous, orchids from Tropical Asia. Grow well as a pot-plant in any sunny window — beautiful bedding plant for shady locations in Florida and in the Tropics. Called the "Nun Orchid" — flowers give a hooded effect — S and P's are white outside; golden-toast-brown inside; lip is yellow, lavender, and white — Extremely easy to grow in soil — want lots of water and food while in growth.

PHAIUS GRAVESIANA

A remake of this fine old hybrid — 6 to 12 flowers, 4 to 5" in diameter on 2 to 3 ft. erect blooms stems. Large, strong growing plants — in soil — Spring.

6" pots In soil — to bloom next year	\$3.50
blooming size	\$8.50

PHALAENOPSIS

A very elegant and beautiful group of orchids—most are white but we also have pinks, yellows with brown and red spots, and lavenders. The flowers usually last very well on the plants—up to 3-4 months and the large white types can be made to bloom several times a year—they are very easy to grow and well suited to home culture. The General Growing Instructions are fine for *Phalaenopsis* except that they do like a little more water and can get along with less sun than most orchids. Common names: "Dogwood" or "Moth" Orchid. To make the large white types bloom more than once a year is very simple—when a bloom stem

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finishes blooming, do not cut it off at the bottom—cut it just behind the lowest, or 1st flower or the scar where this flower's stem joined the main stem. Then, if the plant is strong enough, it will put out a "side-break" flower stem from one of the latent buds under the scales along the main flower stem—these should bloom within 2-3 months. This process can be repeated on each stem—sometimes for years. We had one plant at the Orchid Jungle that was in bloom constantly for about 5 years—and at one time had 8 bloom stems on it—this should be done only on the larger and stronger plants.

PHAL. DORIS

Flowers: 3-4", 6-30 per stem, pure white, round and heavy, long lasting—will bloom 2-3 times a year on largest plants.

4½-5" pots blooming size, 7-9" across	\$ 8.50
4½-6" pots blooming size, 10-14" across	\$12.50
fully mature, 18-24" across	\$25.00

PHAL. ELIZABETHIAE

Flower: medium sized white—one of the old standbys—blooms with larger more branched spray with more flowers than the larger, fancier, new hybrids. Plants are recently repotted and very nice.

4½-6" pots blooming size	\$ 8.50
4½-6" pots larger plants	\$15.00

PHAL. HYMEN (Phal. Luedemanniana x Phal. Mannii)

Blooms OFF & ON YEAR AROUND. Flowers: yellow or chartreuse background heavily spotted and barred rust-red, 2-5 at a time—stem grows and blooms year around off and on. Plants: long tapered leaves—light green, produce plantlets on old flower stem if left on.

4-6" pots should bloom in 12 mo.	\$ 5.00
Blooming size	\$ 8.50
larger plants	\$12.50

PHAL. LUEDEMANNIANA (Fennell's Strain)

Rich Cream and Wine Red. Flowers: 2", full and almost round, rich cream background with darkly spotted and barred wine red, 6 to 20 flowers at a time, very heavy and long lasting. Spring & summer. Plants: broad leaves—light green—produce plantlets on old flower stems so don't cut them.

4-6" pots blooming size	\$10.00
4-6" pots larger size	\$15.00

PHAL. MARIE (Phal. Mannii x Phal. Sumatra)

Very Rare—1st time ever advertized. Flowers: 2", star shaped, yellow or orange with orange-red bars and stripes, very heavy substance, long lasting bloom, 2 to 5 at a time, stem elongates, producing new flowers for several months. Plant leaves broad, light green—very vigorous, husky growers, put out plantlets on old bloom stems so don't cut them after blooming.

4-5" pots Blooming size in spike	\$8.50
4½-6" pots larger plants in spike	\$17.50

Phalaenopsis Collection

This is a fine group—no where else will you find advertised all 7 of these Phalaenopsis at any price—much less at this wonderful saving. All are blooming size. 1 Phal. Doris, 1 Phal. Elizabethiae, 1 Phal. Marie, 1 Phal. Leda and 1 Phal. Esmeralda (Doritis Pulcherrima), 1 Phal. Hymen and 1 Phal. Luedemanniana.

Total Value. \$69.00 for only. \$54.95

POTINARA—Pot.

A poly-generic hybrid of Brassavola x Sophronitis x Laelia x Cattleya. Very unusual and scarce—often are reddish yellow.

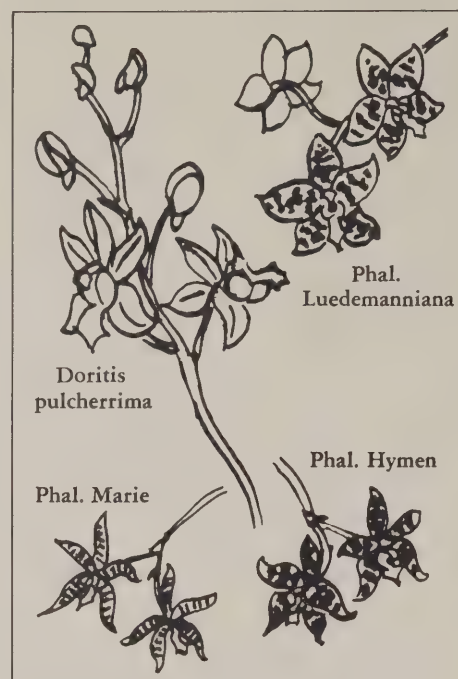
POT. RED FRIAR X BLC DAWN ANGELA

UNUSUAL COLORS—FINE FORM. Flowers should prove outstanding, colors ranging

from warm rich pastels to deep plums and dark reddish lavender—segments should be broad and full—of heavy substance—we expect top quality in every respect from these active husky young plants.

3" pot 8-10" high	\$10.00
Should bloom within year	\$17.50

UNUSUAL PHALAENOPSIS



RENANTHERA

Relatives of the Vandas—tall slender monopodial plants—like full sun and do best as garden plants in the tropics and sub-tropics but will also bloom well indoors as house or greenhouse plants—from Asia, 2 to 4" flowers in shades of red and orange. Spring.

RENANTHERA COCCINEA

Flaming Red. Flower: 2½", many on large, branching triangular spray, heavy and long lasting—Winter, spring. Plants: tall, leaves short, several inches apart on central stem, climber, Vanda Relative, likes lots of sun, can stand full tropical sun all day long.

12-15" cuttings with roots	\$10.00
5-6" pot 12-14" tall from seed	\$12.50

RENANTANDA

Bigenic hybrids between Renanthera and Vanda—still quite scarce and unusual—colors usually shades of red and orange.

(Renantanda Imshooitiana V. Amesiana) RARE—NEVER OFFERED BEFORE. An unusual cross. Flowers: should be small and red or orange, long lasting. Spring. Plants: Dwarfish, almost blooming size, should bloom within 1-2 years.

4½" pots	\$17.50
(Renantanda Imshooitiana x V. Stangeana) A NEW ONE—VERY RARE. This unusual hybrid has not been flowered yet—should be very exotic—shades of red or orange—about a 2" flower in heavily flowered sprays. Plants: dwarf in character—should bloom small and soon.	

4½" pots Almost mature \$17.50

SCHOMBURGKIA

An interesting group of orchids from Tropical America — related to the Cattleya Laelia group — some botanists say they are really Laelias, but they seem so distinct to us we prefer to call them Schomburgkias. Culture like the Cattleyas but can stand more sun and seem to prefer it slightly drier.

SCHOMBURGKIA LYONSI

This is a rare one — and very stunning too! Flowers are white sprinkled all over with dark maroon which matches the lip color

— tall erect bloom stem bears a compact head of 2½" flowers in the Spring — Plants are large, strong, and heavy. Newly imported — in pine bark — now rooting well.

6 to 7" pots 1 lead	\$7.50 to \$12.50
7 to 8" pots 2 lead	\$17.50

SCHOMBURGKIA THOMPSONIANA

Our favorite of all this group — Flowers are cream-white or yellow with bright crimson or magenta lips — S and P and lip all very undulant and scalloped — from 6 to 20 on a 2 to 4 foot bloom stem. Blooms Spring and Summer. Newly collected and well established. Small growing — dwarf plants.

4" pots rooted backbuds with new growth	\$ 5.00
4" pots small established plant	\$10.00
4 to 5" pots blooming size—mature 1 to 2 lead plants on cork bark	\$15.00 & \$25.00

SOPHROLAELIOCATTLEYA

—Slc

Tri-generic hybrids of Sophronitis x Laelia x Cattleya. Unusual shades of bright reddish lavender, bronze and yellow.

(Slc Copper Gleam x Slc Langleyensis)

A Sopho hybrid of exceptional vigor of growth—the few that have bloomed so far have been good flowers of unusual colorings, peachy, salmon, reddish lavender, & plum—Strong young plants. Fall, winter and various.

3" pots should bloom within 18 mo.-2 yrs.	\$ 6.50
3" pots should bloom within 12-18 mo.	\$ 8.50
4" pots should bloom within 12 mo.	\$15.00
4-5" pots 1st sheath	\$25.00

(Slc Volga x Lc Profusion)

One of the strongest, best growing Sopho hybrids we've seen—flowers vary greatly in color from yellow through peach, salmon, plum to bright lavenders, dark bright purple—heavy, well held flowers of good shape Fall, winter and various.

3" pots should bloom within 12-18 mo.	\$ 8.50
4" pots should bloom within year	\$15.00
4-5" pots 1st sheath	\$25.00

STANHOPEA

STANHOPEA WARDII

"DRAGON'S HEAD" ORCHID. Flower: 4-4½", 2 to 6 per stem, pendant from the roots —must be in basket so blooms can come out through bottom—should be hung, not set on bench—looks like Dragon's head with snout, teeth, eyes and ears—light yellow speckled brown—Fall and winter. Plants: Short, stout bulb, large, light deeply ribbed leaves, newly repotted.

Baskets Small blooming size	\$10.00
Larger 2-3 leads	\$17.50

TRICHOCENTRUM

TRICHOCENTRUM ALBO-PURPUREUM Dwarf and Darling—RARE. Flower: single, 2½-3", brown and yellow s & p's, large spreading lip, mostly white—fringed purple. Plant: Dwarf, 2½ to 4" tall, leaves gray-green speckled with brown and red—newly collected, leaves somewhat bruised—just potted.

3" pots \$10.00

TRICHOPILIA

This genus is seldom seen in cultivation but deserves more attention — flowers are usually different and quite attractive — plants grow easily and well — most are quite small in habit — take up little space — want slightly more shade & water than Cattleyas — evergreen epiphytes — sympodials — Distinctive feature is a long tube and large lip on flower.

TRICHOPILIA LEUCOXANTHA

Creamy yellowish-white flowers 2½ to 3" with long throat and large lip for size of

flower; short bloom stem from base of bulb carries flowers just out to edge of pot — plants 6 to 8" tall when mature.

3" pots 1 lead\$5.00
4" pots larger plants\$7.50

TRICHOPILIA POWELLII—VERY RARE
Creamy white flowers about 2" across carried 2 and 3 together on short stem from base of plant — whole plant is very flat — flat bulbs and leaves overlap like shingles — bulbs and leaves together about 6" long lying down across pot.

4" pots 2 to 3 lead\$8.50

VANDA

Extremely popular group—many different kinds, sizes, shapes and colors. Usually medium sized flowers on sprays—often fragrant—many have unusual color patterns using 2 and 3 colors. Three types of growth requiring different growing conditions. STRAP LEAVED TYPES will grow well indoors as house or greenhouse plants—want ½ sun and like charcoal or osmunda to grow in. General growing instructions are fine for these Vandas but they do need more water & food than other orchids.

Vanda plants are prettier than most orchids — the leaves grow opposite and alternate on a central main stem that grows constantly upwards — the leaves are gracefully arched and curved and carried in one plane so that they make an interesting flat fan. Vandas do not have bulbs or other methods of storage for food and water. The plants consist simply of leaves and large fleshy roots.

Since these plants are monopodials that grow upwards instead of across the pot, we usually pot them in charcoal which does not rot and they can often be left in the same pot for 10 to 15 years without repotting. Being potted in charcoal, however, means that they must be watered and fertilized much more often than plants growing in osmunda fiber. We recommend watering them every sunny day and they should be fed with every second or third watering. This may seem like excessive feeding, but the plants will respond in direct proportion to the amount of food you give them. Vandas also like lots of sun. The size and color of the flowers and the number of times a year that they bloom will depend on how much sun and food you give them. Most vandas will bloom several times a year and often large and healthy plants will be in bloom more than half the time the year around.

All of our Strapleaved Vandas in 3" pots are potted in osmunda fiber — all larger sizes with the exception of Vanda Burgeffii (which is in osmunda) are potted in charcoal or a mixture of mostly charcoal and some shredded tree fern fiber.

TERETE-TYPES

have a terete or cylindrical, pencil-like, leaf. These types need full tropical sun all day long to bloom—grow in ground beds—along fences, etc. Should be watered every day and fertilized heavily and frequently. SEMI-TERETE TYPES hybrids between other two types—have deeply channelled leaves and need full sun and culture like the terete types. Neither of these last two types will bloom indoors.

We have about ½ acre of Terete and Semi-terete Vandas growing in ground beds here at the Orchid Jungle and stock a large variety of fine and rare types — for those of you who grow orchids in Florida or other tropical climates they are wonderful garden plants. We have so many different ones of these that it is not practical to list them individually in the catalog, but will be glad to send a description and price list to you on request.

V. AFTERGLOW (*Insignis* x *Sanderiana*)
Full, flat flowers in lovely sunset shades of pink, gold and soft rosy brown. Strong

young plants to bloom anytime.

6" pots approximately 8" tall ...\$14.00

V. ALICE FUKUNAGA (*Sanderiana* x *Mem. T. Iwasaki*)

Exceptionally strong and heavy plants — flowers are large and flat — varying tones of chartreuse, yellow and gold with brown spots and patterns.

10" pots 18 to 30" tall\$27.50

V. BURGEFFII (*Sanderiana* x *Suavis*)

Flowers are large and quite flat — color varies from pink to cream with rusty or rose colored spots — always very popular. Strong young plants ready to bloom — with 6 to 10 pairs of leaves — in osmunda.

6" pots 8 to 12" tall\$11.98

V. CAROLINE LEE (*Manila* x *Ellen Noa*)

Strong grower and floriferous — flowers are pink with darker pink rose markings.

6" pots Mature\$20.00

V. CHIMY WALKER (*Sanderiana* x *Flam-merolle*)

One of the finer new hybrids — there have been several award winners out of this batch. Flowers are of good size and substance — usually quite full and round — color varies from light clear pinks, thru all the shades of rose and magneta to slate blues and dark lavender blues. (See cover illustration) Plants are husky and vigorous.

8" pots to bloom anytime now ...\$25.00

V. CLARA SHIPMAN FISHER (*Sanderiana* x *Tatzteri*)

Lovely patterns in rich shades of yellow and brown — flat and quite full — Plants are vigorous, young ones ready to bloom now for the 1st time. (See cover)

6" pots 8" tall\$14.00

V. EISENHOWER (*Sanderiana* x *Ellen Noa*)

Lovely pastel shades of pink, yellow, brown and chartreuse with softly blended color patterns — flowers are medium size — quite flat and some are very full and round — several of these have won awards recently.

7-8" pots 12 to 16" tall—mature \$27.50

V. GERTRUDE MIYAMOTO (*G. Tanaka* x *Sanderiana*)

Large, flat flowers of chartreuse and yellow with soft brown markings — a strong grower and floriferous.

6-8" pots 14 to 18" tall—mature \$25.00

V. GILBERT TRIBOULET (*Caerulea* x *Tricolor*)

Colors vary thru all shades of blue from light grayish shades to dark lavender blues — usually a bold pattern of dark spots and marking on a lighter background. Very heavy bloomer 8 to 16 flowers per stem 3 to 6 times a year. One of the best for home growing — husky young plants.

3" pots 3 to 5" across\$ 2.50

3" pots 6 to 8" across\$ 4.00

6" pots ready to flower anytime \$10.00

6" pots in bud\$12.50

6" pots larger plants \$15.00, \$17.50 & up

V. HERZIANA (*Caerulea* x *Suavis*)

Blues — mostly in the lavender blue range with bold markings on lighter background. One of the floweriest of all Vandas — often start new bloom stem before old flowers are finished. Husky and vigorous young plants.

3" pots 3 to 5" across\$ 2.50

3" pots 6 to 8" across\$ 5.00

6" pots flowering size\$ 8.50

6" pots 15 to 20"\$10.00, \$15.00

V. JANE SHIMATO (*Mary Foster* x *Sanderiana*)

Heavy, flat and round flowers — a bold and exotic pattern of bright and contrasting reds and yellows.

6" pots 8 to 12" tall—mature ...\$25.00

V. JEAN FUKUDA (*Merrillii* x *Manila*)

Smallish to medium sized heavy flowers of chinese lacquer red on pinkish or yellow background — fragrant. Blooms often. Large, heavy plants.

6 to 8" pots Mature 14 to 18" tall \$25.00

V. MANILA (*Luzonica* x *Sanderiana*)

Bright rosy pink flowers of good size — quite flat — floriferous and always popular — strong growers.

8" pots 12 to 18" tall—mature ...\$17.50

V. NANCY GROSS (*Manila* x *G. Tanaka*)

Darkly spotted pink on light pink background — flowers well held and heavy — very heavy bloomer, large strong plants.

8" pots Mature 14 to 18" tall ...\$25.00

V. NELLIE MORLEY (*Sanderiana* x *Emma Vandeventer*)

The most talked about and awarded vanda of recent years — one of these sold for \$1650.00 this year. Flowers are large, extremely heavy and well held. Color is usually dark rose pink with well defined color patterns of veins and spots. These are unbloomed seedlings starting to flower now — get yours before they bloom — you may pick a winner! Semi-terete — wants lots of sun.

8" pots strong and husky 24 to

30" tall\$65.00

V. OHU-OHU (*C. S. Fisher* x *Sanderiana*)

Fine, large, round and flat flowers — all shades of brown and pink — stunning color combinations and patterns — many have chocolate brown markings on bright pink background. Vigorous young plants — will bloom this year.

6" pots 7 to 8" tall\$12.98

V. SANDERIANA (*species from seed*)

Often said to be finest of all orchid species. These are fine young plants blooming for 1st and 2nd times — all have been very good, of exceptional shape — round, full and flat pink and terracotta with distinct and beautiful color patterns. Every one that comes in bloom sells immediately!

8" pots 8 to 12" tall\$35.00

V. TATZERI (*Tricolor* x *Sanderiana*)

Large cream to pink flowers boldly spotted dark rusty red — vigorous growers — large, strong, young plants.

6" pots 10 to 16" tall\$19.95

V. TATZERI PURPUREA

Same as above but bred from V. Tricolor var purpurea. Flowers are darker and more richly colored — a rare and exotic form of this ever popular and well known hybrid.

8" baskets 18" tall\$27.50

V. TRISHER (*Tricolor planilabris* x *C. S. Fisher*)

Exotic and stunning — one of Tom Jr.'s favorites — large, bold spots of rich red brown on deep golden background — extremely heavy substance — medium size flowers — fragrant — husky plants and floriferous.

6" pots 8 to 12" tall\$17.95

V. WAIKIKI (*Sanderiana* x *Boschii*)

Large flat flowers with boldly spotted pattern of unusual colors in the pink, red and magneta shades — lovely and different, fragrant and floriferous.

7 to 8" pots 12" tall\$22.50

V. WAIPUNA (*Rothschildiana* x *Ellen Noa*)

Very unusual and striking color pattern — the top half of the flower is yellow and gray — the lower half is blue — flowers large, flat and full.

7 to 8" pots 12" tall\$22.50

VANILLA

VANILLA PLANIFOLIA

Grow your own vanilla! The extract is made from the seed pods of this orchid. A monopodial climbing vine—needs a trellis or totem pole—makes interesting effective zig-zag design—blooms spring—green flowers, many on stem, flowers last 1-2 days.

30" cuttings bare root\$ 2.50

3-4½" pots 4' stakes well rooted on \$ 7.50

ZYGOPETALUM

ZYGOPETALUM MACKAYII

STUNNING AND EXOTIC. Flowers: 3", 6 to 12 per stem, green s & p's, large spread-

ing white lip with crimson stripes—long lasting—fall or winter. Plants: short stout bulbs—large ribbed light leaves—semi deciduous. Can stand cooler growing conditions.

4-5" pot small mature\$ 8.50
4-5" pot larger mature\$12.50

CULTURAL HINTS

How Often Should Orchids Be Watered?

No definite rule can be set down for this problem. Growing conditions vary from place to place and weather changes also affect drying out, but there are some easy hints which will help you decide.

1. Small pots dry out more quickly than do larger ones so will need water more often — every pot should be watered individually when it needs it.
2. Tightly packed osmunda holds water longer than loosely packed fiber so that two pots of the same type may not need water at the same time.

In Osmunda Fiber

Most orchids should dry out bone dry between waterings — all the way thru the pot. To tell if pots are really dry, feel the sides and bottom of the pot. If they are dry all the way thru, they will feel dusty-dry and about room temperature. If the pot feels damp or clammy and cool to the touch then it is still damp inside. Each watering should be a thorough drenching.

Phalaenopsis, Cypripediums, and some botanicals prefer to be kept slightly damp all of the time and should seldom be allowed to dry out bone dry, but even these do not want to be kept really wet — just barely damp is sufficient.

In Charcoal

Only Vandas and sometimes Phalaenopsis are commonly grown in charcoal. Charcoal dries quickly and does not hold much water; plants planted in it should be watered heavily almost every sunny day and under particularly hot and dry conditions twice a day might be advisable.

Charcoal supplies no food what-so-ever so Fenorco Plant Food should be used in the water every other time the plants are watered. This may seem like excessive feeding but just try it and watch the plants respond.

In Bark

Water when bark feels dry on top. At first, this will be everyday but as the bark settles it begins to hold water longer and it will not be necessary to water so often. Heavy feeding is necessary — see page 4.

NEW POTTING MATERIALS

Continued from page 4

PINE BARK: Comes in only one grade, which in consistency is somewhere between the Regular and Coarse of the Fir bark. This bark seems to have less of the fine particles than does the Fir and probably for this reason does not seem to pack so tightly not to hold water for as long as the fir. Pine bark has had the least experimental use so far. Our own results with it, however, have been very promising and we like it much at this point.

The use and culture of orchids potted in these barks is roughly the same for all three and quite different from traditional methods of growing in osmunda fiber. The important factors as we know them now are as follows:

POTTING IN BARK:

1. Remove ALL osmunda from orchid roots before potting in any of these barks.
2. Use standard pots, not slit pots.
3. Only drainage necessary is one crock over the hole in bottom of the pot—though some growers still fill the pot 1/3 full of crock as with osmunda.
4. Bark should be damp but not wet when potting. If you pot with dry bark it is almost impossible to wet the pot and bark all the way thru.
5. Use slightly larger pot than you would for osmunda as there is some indication that these barks will last longer than osmunda.
6. Pot by holding plant in correct position in the pot with one hand while pouring in the bark with the other hand. Tamp down bark with extended fingers or blunt stick as you fill—don't wait til pot is full and then try to tamp—you will not get it tight all the way down.
7. Until bark settles and packs and new root growth starts the plant will need to be held firmly in place. Staking and tying in the conventional manner will help, but the old fashioned straight stake does not give very good support in freshly potted bark. A stake with a ring bent into the lower end which fits into the bottom of the pot gives better support—This stake must be put in before starting to pot—then pot on top of it. Best support is given by Fennell's Clip-on Ring Stake which clips on to the side of the pot and which has an adjustable ring on an upright. This ring encircles the whole plant and does away with strings and tying—also never

pinches or chokes new growths, etc.; These Clip-On Ring Stakes are listed on page 20 with the other supplies.

CULTURE IN BARK:

1. Bark must be kept damp all of the time. When it is dry on top it needs water. Bark is hard to wet at first—usually must be watered almost every day for the first few weeks, but soon settles and will hold water—then water whenever it gets dry on top. If it ever dries out all the way thru it is hard to get wet thru again.
2. These barks have very little food value, much less than osmunda, so heavy feeding is necessary. Fenorco Plant Food should be used every other time you water. A certain type of wood fungus steals the nitrogen of the fertilizer from the plants—therefore it is necessary to feed an extra heavy amount of nitrogen in order for any to be left for the orchids. Best recommendations so far are for the use of 1 level teaspoonful of Ammonium Nitrate to 2 gallons of water every time you water without the other orchid fertilizer. If you do not give this extra nitrogen your leaves will be yellow and plant will not grow as well as it should.

ADVANTAGES OF BARK POTTING: Ease and quickness of potting — anyone can do a good job with these new barks. Seemingly it would be almost impossible to over water. Ease of repotting — little damage to the roots. Terrific root growth. Hopes are that these barks will out last osmunda fiber and not need repotting so often. Seems to have fungicidal qualities.

DISADVANTAGES: Must water more often. Must feed more often. REMEMBER — This is still experimental — we don't know enough about it yet to recommend it unconditionally — the only honest thing we can say is: "Barks look good as possible new potting media but it will be some time til all is known about them. Try one or all of the barks but watch them carefully and consider any such trials as experiments until you are really sure of what you are doing.

If you would like to try some bark yourself you will find all three and the fertilizers and ring stakes advertised under SUPPLIES on page 20.

ARTIFICIAL LIGHT ON ORCHIDS

Continued from page 4

a more valuable and complete report on this subject.

Seedlings in flasks —	
start at	400- 500 foot candles
increase with	
growth to	600- 700 foot candles
Community Pots and	
Small Individuals	700-800 foot candles
Cypripediums and	
Phalaenopsis	600- 800 foot candles
Cattleyas 3" pots	
and larger	1000-1200 foot candles
Vandas and	
Dendrobiums	1200-1500 foot candles

A light meter will prove of great help on checking these intensities — your camera store should be able to help with this and tell you how to convert meter readings to foot-candles.

REMEMBER—Light is no cure-all—it will not overcome poor culture or negligence. Good growing conditions and careful supervision are just as necessary with plants under artificial light as anywhere else but we hope that these notes will prove of help to many of you where lack of light is the limiting factor and please — LET US KNOW YOUR EXPERIENCES WITH ARTIFICIAL LIGHT — HELP US HELP YOU



Stanhopea Wardii
The up-side-down
orchid blooms out
thru the roots.
See page 16.

FENNELL'S ORCHID-A-MONTH CLUB

Year around bloom a variety of sizes and types. Can be bought individually or in groups. If you buy them in groups of three at one time, we give you a dividend plant—if you buy all twelve selections at one time you get the four dividend plants plus an Extra Special Dividend—in other words for the price of 3, you get 4 plants and for the price of 12, you get 17 plants. The Orchid-A-Month Club is a wonderful way to buy fine orchids at a minimum cost. (For descriptions of these plants, look them up alphabetically in the catalog.)

March Lc. Altesse x C. Marstonii \$25.00	April Lc. Aphrodite \$15.00	May Dend. Fimbriatum Oculatum \$15.00	Dividend Lc. Kencolor Value \$20.00
June C. Lc. Black Hawk x C. Gigas \$20.00	July Lc. Nakoma x C. Dowiana \$25.00	August Phal. Hymen \$16.50	Dividend Your selection of any \$25.00 plant in this catalog (collections not included.)
September C. Empress Frederick \$25.00	October Dend. Phalaenopsis \$15.00	November C. Guttata Leopoldii x L. Tenebrosa \$20.00	Dividend A fine strong plant Bc. Marguerite Fournier. Value \$20.00
December C. Schroederæ x C. Leda \$17.50	January Phal. Grace Palm \$17.50	February Bc. Daffodil x Lc. Kenosha \$17.50	Dividend A fine large plant of V. Herziana. \$15.00

EXTRA SPECIAL DIVIDEND: If you buy the entire group of 12 plants at one time the price is \$230.00 and we will include, in addition to the 4 regular dividend plants valued at \$80.00, an Extra Special Dividend plant of Lc Black Hawk x Lc Waubesa with 3 to 4 leads, valued at \$35.00. In all you will receive 17 fine plants valued at \$345.00 for only \$230.00. This is a TERRIFIC VALUE in high quality orchid plants.

INSTRUCTIONS FOR ORDERING

ORDERING: List the complete name of the plant or item. State size desired with corresponding price. Please state if you want plants delivered by some particular date — otherwise our aim is to ship all plants within one week of receiving your order.

FOREIGN ORDERS: Due to the extra paper work and red tape involved, we have a \$50.00 Minimum on all foreign orders except those to Canada. Please state any special requirements of your government — There will be no extra charge for our work in obtaining special inspections or licenses.

— we recommend shipments from May 1st to Oct. 1st only — shipments during winter months are at customer's risk.

All Other Countries — we recommend shipments by Air Cargo with plants packed out-of-pot to reduce weight.

SHIPPING: Plants are usually shipped in their pots — if your order is a large one, some saving on shipping costs can be made by shipping the plants out-of-pot. Please advise us if you wish your plants shipped out-of-pot. All prices are F. O. B. Homestead, Florida, unless otherwise stated. All shipments in U. S. A. and Canada will be shipped by Railway Express Collect unless we receive other instructions from you. **AIR EXPRESS** is somewhat faster, but is not usually worth the extra expense on shipments in this country. **PARCEL POST** is safe for plants only during warm summer months and will not be used unless specifically requested by you. We cannot guarantee safe delivery by Parcel Post. **PREPAID SHIPMENTS** can be made on your request — after plants are shipped we will bill you for the exact charges. **PACKING:** Our methods have been carefully worked out thru years of experience and constantly earn us many compliments — because of our excellent methods we can ship our plants in perfect safety all winter. We make no packing charges.

TERMS: CASH WITH ORDER — NO C. O. D.

DISCOUNTS: Thruout the catalog we list many Special Collections which represent very fine discounts from the regular plant prices. Also we would like to remind you of our "Make Up Your Own Collection" plan on page 3 and our "Orchid of the Month Club" selections above.

QUANTITY DISCOUNTS: on larger orders we also offer the following discounts:

\$100.00 to \$ 249.00	10%
250.00 to 499.00	15%
500.00 to 749.00	20%
750.00 to 1000.00	25%
over \$1000.00	35%

These discounts apply only to the individually listed items in this catalog and are not applicable to the Special Collections, Special Sale Items, Selected Individual Plants of extra fine quality or to Special Quotations on individually selected plants.

GUARANTEE: We guarantee SAFE DELIVERY and complete satisfaction. If anything about your shipment is unsatisfactory we want to know about it and we will cheerfully correct it. All plants are offered subject to prior sale.

No substitutions will be made without consulting you unless you indicate on your order that substitutions of like quality and type are permissible.

The Fennell Orchid Co. in no way guarantees the crop produced by these plants, or their future growth, as such conditions are beyond our control. In the event of a claim our liability is limited to the purchase price.

THIS LIST CANCELS ALL PREVIOUS QUOTATIONS

FENNELL ORCHID COMPANY • ORCHID JUNGLE • HOMESTEAD, FLORIDA



Lc. Nakoma x C. Dowiana



Dend. Superbum v. Dearei



C. Lueddemanniana



Unusual Spray Orchids



Bl. Helen



C. Bob Betts x C. St. Petersburg

ORCHID SUPPLIES

INFORMATION SHEETS

Mimeographed and printed information sheets on particular questions that often come up — with drawings and diagrams where helpful. Subjects: Potting and dividing; Corsages — step by step; Orchid Seed Planting Technique; Planting Orchids on Trees. 25c each.

ORCHID SLIDE TALKS

For several years now we have offered an Orchid Slide Lecture free of charge to all interested groups which simply gave a brief introduction to The Orchid Family and The Hobby of Home Orchid Growing. Now because of many requests we are revamping our Slide Talks and hope to start a whole series on a variety of Orchid Topics. Each talk is planned to last 30 to 45 minutes and a complete script accompanies each set of slides.

We have only one set of slides for each topic so please write well in advance to reserve them for the date you will need them. To help defray the cost of making up these talks and keeping them in good shape we are making a service charge of \$2.50 per talk and if the slides and script are not returned within 2 weeks you will be billed \$25.00 for the slides.

Try one of these Slide Talks — we think you'll like them and hope you will want to see and hear them all.

Subjects: Introduction to The Orchid Family; Orchids You Can Grow at Home and How to Grow Them; The Cattleya Group; The Dendrobiums; Phalaenopsis; The Vanda Group; Botanical Orchids; Ways to Pot and Mount Orchids; Orchid Corsages and Arrangements.

NEW CORSAGE KIT

For making white, lavender and purple orchid corsages.

Includes: Complete instructions with drawings and all the supplies you need: 1 roll of white and 1 roll of lavender stem tape, 1 bundle of stem wire, 1 roll of white satin ribbon, 1 roll of two tone lavender and purple satin ribbon, 30 white and 30 lavender corsage pins, 6 aqua pins (for wearing your flower in water) and a generous supply of shredded wax paper. Also includes a generous bundle each of white and lavender chenille pipestem cleaners (to use instead of wires and ribbons in different corsages). Enough to make 50 to 60 corsages. Price Postpaid \$6.98

FANCY CORSAGE KIT

For making all sorts of fancy orchid corsages in a variety of colors. Includes com-

plete instructions with drawings and all the supplies you need: 1 roll each of stem tapes in white, lavender, brown, and green, 1 large bundle of stem wire, 1 roll each satin corsage ribbons in white, two-tone lavender and purple, two-tone chartreuse and brown, and gold, 72 corsage pins in assorted colors, 6 aqua-pins (for wearing your flowers in water), 3 wrist corsage bracelets, a large bundle of chenille pipestem cleaners in assorted colors (to use instead of wires and ribbons in *Different* corsages), 10 yards of nylon chiffon netting, and a generous supply of shredded wax paper. Enough to make 100 or more corsages. Price Postpaid \$12.98

JUNIOR REPOTTING KIT

Includes osmunda (for 2 or 3 — 6" pots), labels, potting stick, and repotting folder. Complete postpaid \$3.50

SENIOR REPOTTING KIT

As above, but includes osmunda for 5 or 6 pots, and more labels. Complete postpaid \$5.00

OSMUNDA

Enough for 2 or 3 — 6" pots. Postpaid \$2.00
Enough for 5 or 6 — 6" pots. Postpaid \$3.50
Bales, enough for 50 or 60 — 6" pots. FOB Homestead \$14.00

FIR BARK

1 cubic foot — enough for 15 to 25 4" pots, or 8 to 12 6" pots. Approximate weight — 20 lbs. Postpaid \$5.50
2 cubic feet — enough for 30 to 50 4" pots or 16 to 24 6" pots. Approximate weight — 40 lbs. FOB Homestead \$5.75

PINE BARK

1 cubic foot — enough for 15 to 25 4" pots or 8 to 12 6" pots. Approximate weight — 20 lbs. Postpaid \$3.75
2 cubic feet — enough for 30 to 50 4" pots or 16 to 24 6" pots. Approximate weight — 40 lbs. FOB Homestead \$3.75

CEDAR BARK

1 cubic foot — enough for 15 to 25 4" pots or 8 to 12 6" pots. Approximate weight — 20 lbs. Postpaid \$4.50
2 cubic feet — enough for 30 to 50 4" pots or 16 to 24 6" pots. Approximate weight — 40 lbs. FOB Homestead \$4.75

BARK EXPERIMENTAL KIT

Includes 1 cubic foot of each of the three barks, 24 clip-on ring-stakes, 5 lbs. of Fenorco Plant Food, and 2 lbs. of Ammonium nitrate — Sent by Express collect FOB Homestead \$17.95

CLIP-ON RING STAKES

These stakes clip onto the side of the pot and give strong and steady support to the plants. Size and height of ring are adjustable — almost indispensable for potting in the new barks. Postpaid.

Ten for \$2.49
Twenty-five for \$4.98

LABELS

Stake Type — heavy, white plastic, $\frac{3}{8}$ x 4", with wet-proof pencil included. Per 50 postpaid \$1.00
Slip-on Type (no wires required), cream plastic, includes wet-proof pencil, cellophane bag. Postpaid \$1.25

FENORCO HYDROPONIC PLANT FOOD

The best known and most widely used orchid fertilizer. Used successfully by thousands of flower growers around the world. Postpaid.

1 Pound \$1.75
5 Pounds \$4.50
10 Pounds \$8.00

AMMONIUM NITRATE

The best and easiest source of extra nitrogen necessary for feeding orchids planted in the new barks.

1 lb. postpaid \$1.00
5 lbs. postpaid \$2.98
10 lbs. postpaid \$4.98

FENORCO PLANT SPRAY — Contains DDT

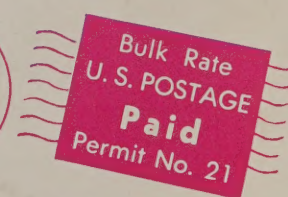
The best all around spray for most orchid insect pests.

One Pint — Postpaid \$ 3.50
One Quart — Postpaid \$ 5.50
One Gallon — Postpaid \$16.00

ORCHID GIFT CORNER. Here at the Orchid Jungle we have a tiny (but exclusive) Gift Corner. And oddly enough all of our gifts are Orchid Gifts. We have jewelry, desk sets, paperweights, atomizers, compacts, etc., all made of crystal clear lucite with purple and white orchids carved into them. We even have orchid door knobs; orchid perfume, too. If you need a gift, write for our descriptive price list of Orchid Gifts — you'll love em'!

CANADIANS write to your Canadian Department of Agriculture, Ottawa, and request that they send you an import permit. You will be sent a permit number and an address sticker. Send the address sticker to us with your order. We advise shipment to Canadian points only between May 1 and October 15.

Fennell Orchid Company
Orchid Jungle
HOMESTEAD, FLORIDA



Librarian
U.S. Dept. of
Agriculture
Washington, D.C.

